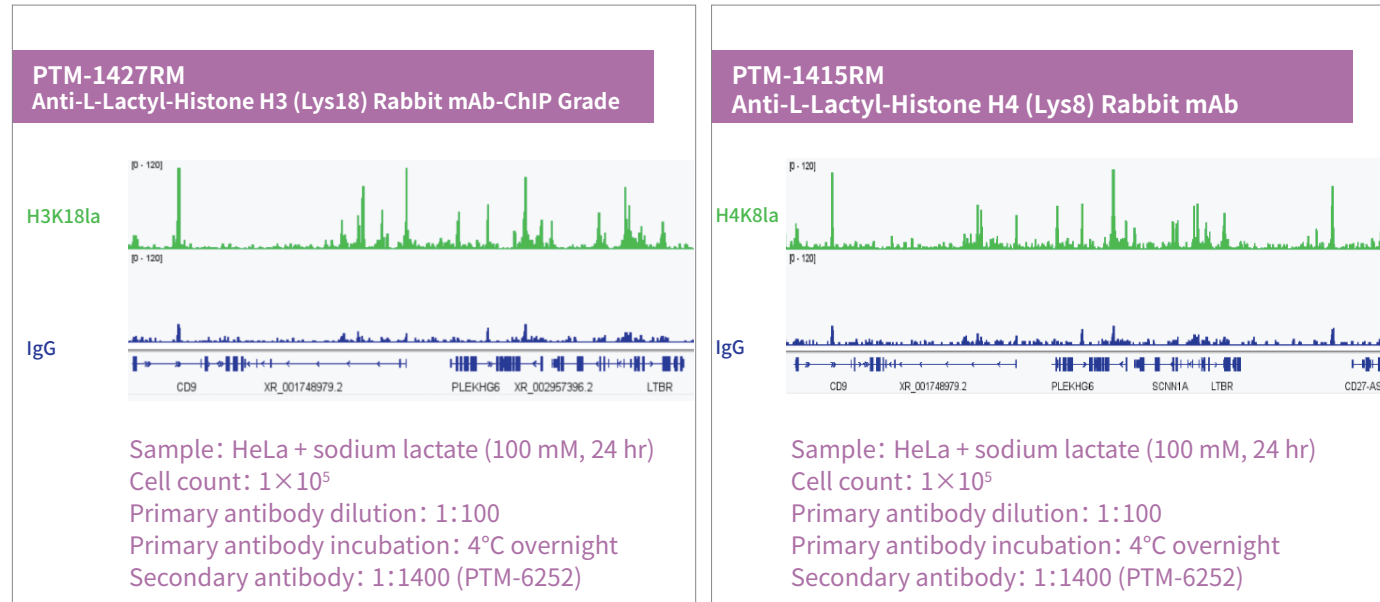


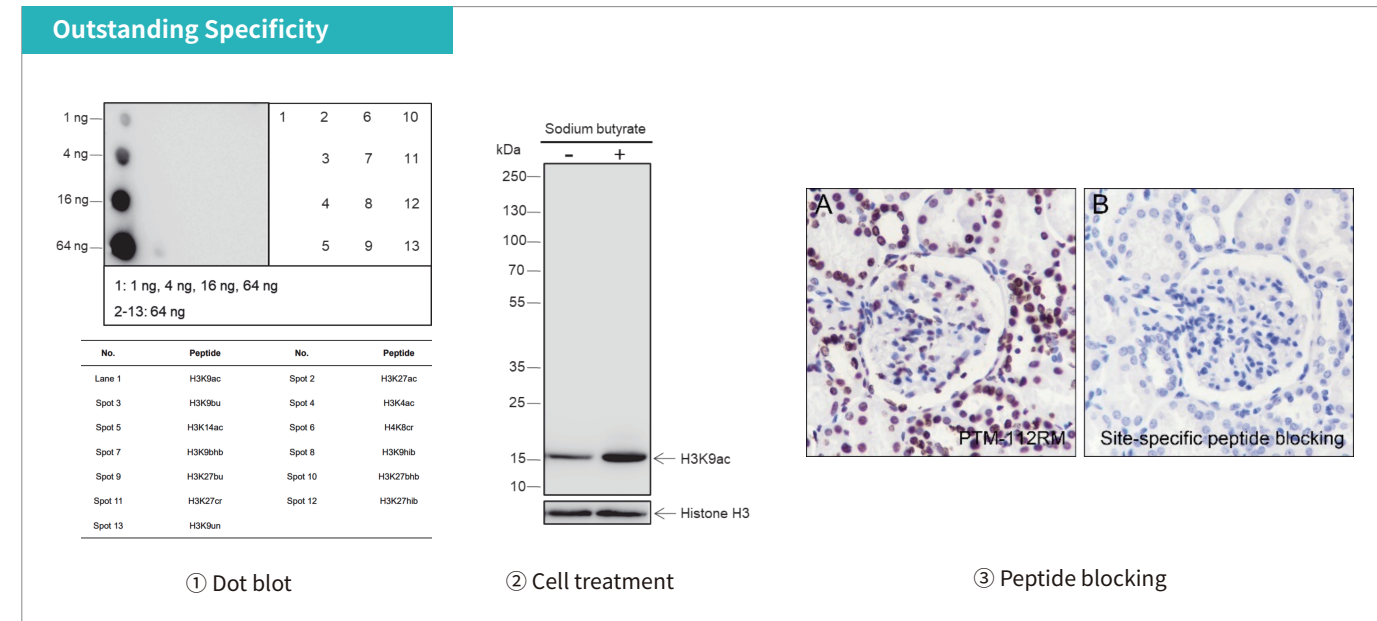
# CUT&Tag Antibodies NEW~



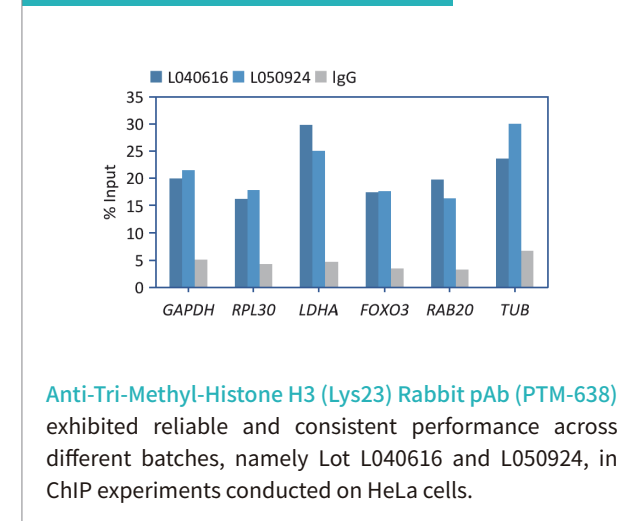
## Featured Antibodies

| Function                | Catalog Number | Product Name          | Applications           | Reactivity |
|-------------------------|----------------|-----------------------|------------------------|------------|
| Histone deacylase       | PTM-6409       | Anti-HDAC1 Rabbit mAb | WB, IHC-P, ICC, IF, IP | H, M, R    |
|                         | PTM-7219       | Anti-HDAC2 Mouse mAb  | WB                     | H, M, R    |
|                         | PTM-6070       | Anti-HDAC3 Mouse mAb  | WB, IHC-P              | H, R       |
|                         | PTM-5551       | Anti-HDAC4 Rabbit mAb | WB                     | H, M, R    |
|                         | PTM-6669       | Anti-HDAC6 Rabbit mAb | WB, IHC-P              | H          |
|                         | PTM-5172       | Anti-HDAC8 Mouse mAb  | WB                     | H          |
|                         | PTM-6006       | Anti-HDAC10 Mouse mAb | WB, ICC, IF            | H, R       |
|                         | PTM-5021       | Anti-SIRT1 Mouse mAb  | WB, IHC-P, ICC, IF     | H, M       |
|                         | PTM-6043       | Anti-SIRT2 Mouse mAb  | WB, IHC-P, ICC, IF     | H          |
|                         | PTM-6462       | Anti-SIRT3 Rabbit mAb | WB                     | H          |
| Histone acyltransferase | PTM-7223       | Anti-SIRT5 Rabbit mAb | WB, IHC-P              | H, M, R    |
|                         | PTM-6658       | Anti-SIRT6 Rabbit mAb | WB                     | H, M, R    |
|                         | PTM-7231       | Anti-SIRT7 Rabbit mAb | WB                     | M, R       |
|                         | PTM-5115       | Anti-GCN5 Mouse mAb   | WB, ICC, IF            | H, M, R    |
|                         | PTM-5195       | Anti-HAT1 Mouse mAb   | WB, IHC-P, ICC, IF     | H, M, R    |
|                         | PTM-5711       | Anti-PCAF Rabbit mAb  | WB                     | H          |
|                         | PTM-5281       | Anti-CBP Rabbit mAb   | WB, ICC, IF            | H, R       |

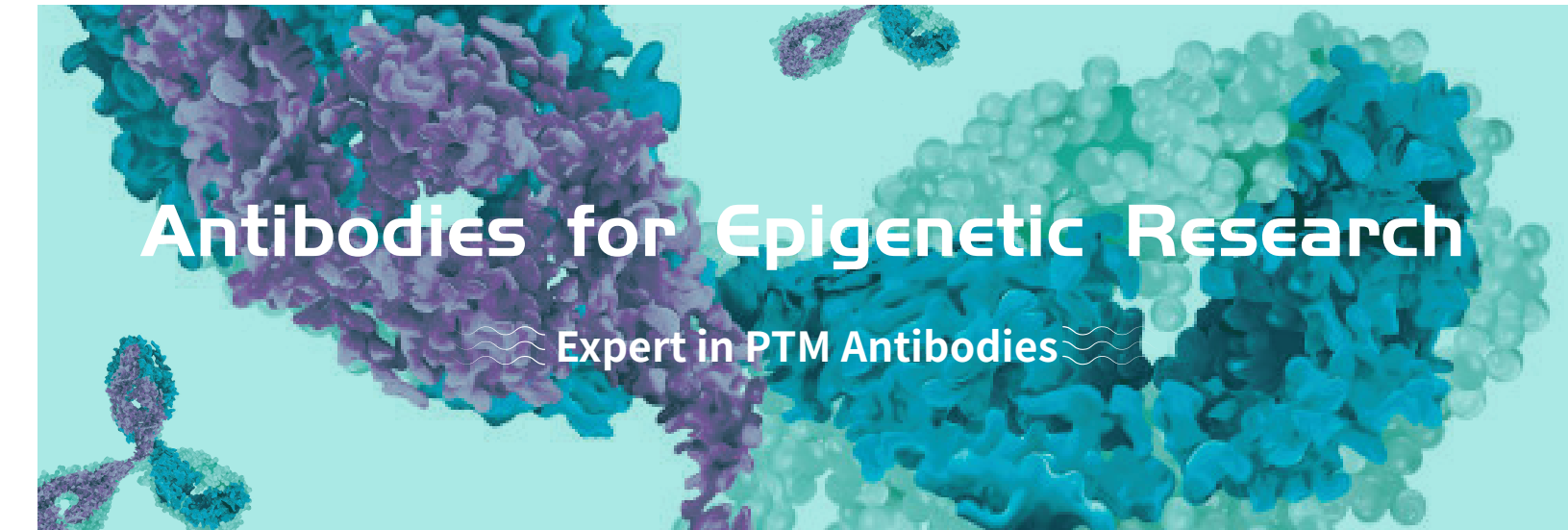
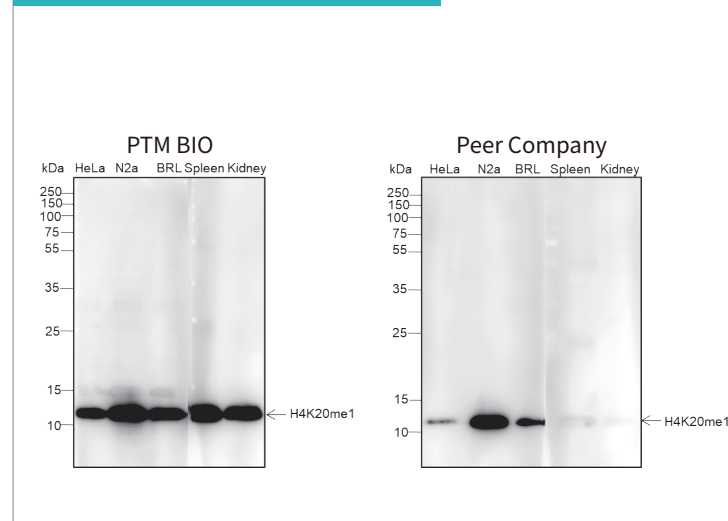
## Stringent Verification & Quality Assurance



## Stable Batch-to-Batch Consistency



## Extremely High Sensitivity



PTM BIO stands as a pioneer in the realm of proteomics, featuring an integrated business model that encompasses research, production, and service excellence. Our crowning achievement, PTMab® is an exceptional antibody brand crafted by PTM BIO's antibody division, established in 2010. We are dedicated to delivering premium antibody reagents and custom antibody services to a global community of researchers, pharmaceutical entities, and in vitro diagnostic customers. The PTMab® product portfolio comprises pan PTM antibodies, histone modification antibodies, site-specific antibodies, and recombinant proteins, addressing a wide range of scientific fields including epigenetics, tumor immunology, developmental and metabolic research, neuroscience, and in vitro diagnostics.

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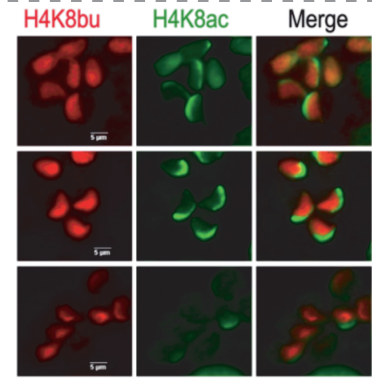


## Selected Case Studies

**Molecular Cell Article**

### Dynamic Competing Histone H4 K5K8 Acetylation and Butyrylation Are Hallmarks of Highly Active Gene Promoters

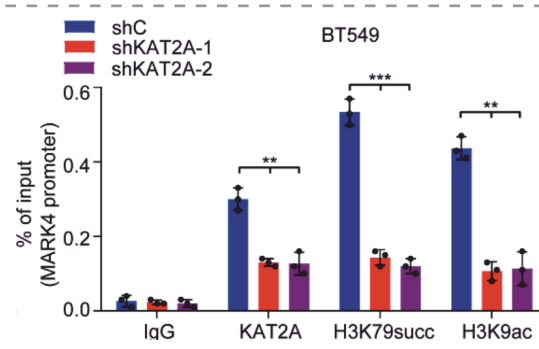
| Journal  | IF   | PMID     | Reactivity | Applications   | Antibody Cited   |
|----------|------|----------|------------|----------------|------------------|
| Mol Cell | 17.9 | 27105113 | Mouse      | IHC/IF/WB/ChIP | PTM-311 (H4K8bu) |



**nature COMMUNICATIONS**

### KMT5A-methylated SNIP1 promotes triple-negative breast cancer metastasis by activating YAP signaling

| Journal    | IF   | PMID     | Reactivity | Applications | Antibody Cited    |
|------------|------|----------|------------|--------------|-------------------|
| Nat Commun | 17.7 | 35449131 | Human      | ChIP         | PTM-412 (H3K79su) |

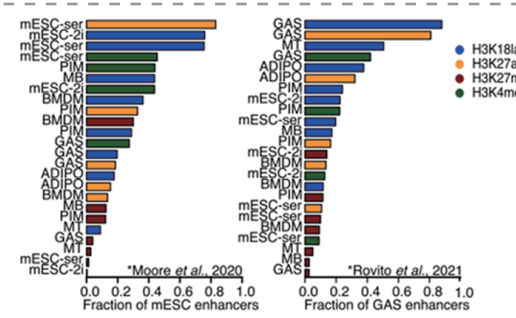


**BMC Part of Springer Nature**

### Genome Biology

### H3K18 lactylation marks tissue-specific active enhancers

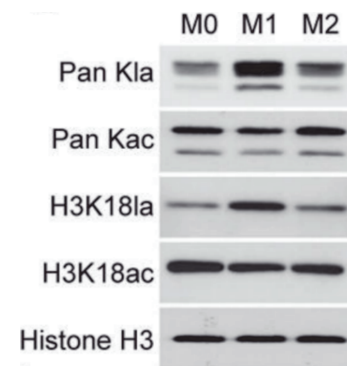
| Journal        | IF   | PMID     | Reactivity | Applications | Antibody Cited     |
|----------------|------|----------|------------|--------------|--------------------|
| Genome Biology | 18.1 | 36192798 | Mouse      | WB/CUT&Tag   | PTM-1406 (H3K18la) |



**nature**

### Metabolic regulation of gene expression by histone lactylation

| Journal | IF   | PMID     | Reactivity  | Applications | Antibody Cited                                      |
|---------|------|----------|-------------|--------------|---|
| Nature  | 69.5 | 31645732 | Human/Mouse | WB/ChIP      | PTM-1401 (Kla); PTM-101 (Kac); PTM-1406RM (H3K18la) |



## Featured Products

| PTM Type              | Catalog Number | Product Name   | Applications            | Reactivity |
|-----------------------|----------------|--|-------------------------|------------|
| L-Lactylation         | PTM-1419RM     | Anti-Lactyl-Histone H3 (Lys9) Rabbit mAb               | WB/IHC-P/ICC/IF/ChIP    | H, M, R    |
|                       | PTM-1414RM     | Anti-Lactyl-Histone H3 (Lys14) Rabbit mAb              | WB/ICC/IF/ChIP          | H, M, R    |
|                       | PTM-1406RM     | Anti-Lactyl-Histone H3 (Lys18) Rabbit mAb              | WB/IHC-P/ICC/IF/IP      | H, M, R    |
|                       | PTM-1427RM     | Anti-Lactyl-Histone H3 (Lys18) Rabbit mAb-ChIP Grade   | WB/ChIP/CUT&Tag         | H, M       |
|                       | PTM-1428       | Anti-Lactyl-Histone H3 (Lys27) Rabbit pAb              | WB                      | H, M       |
|                       | PTM-1421RM     | Anti-Lactyl-Histone H3 (Lys56) Rabbit mAb              | WB/FC                   | H          |
|                       | PTM-1411RM     | Anti-Lactyl-Histone H4 (Lys12) Rabbit mAb              | WB/IHC-P/ICC/IF/IP/ChIP | H, M, R    |
|                       | PTM-1417RM     | Anti-Lactyl-Histone H4 (Lys16) Rabbit mAb              | WB/IHC-P/ICC/IF/ChIP    | H, M, R    |
|                       | PTM-1407RM     | Anti-Lactyl-Histone H4 (Lys5) Rabbit mAb               | WB/IHC-P/ICC/IF/FC/IP   | H, M, R    |
|                       | PTM-1415RM     | Anti-Lactyl-Histone H4 (Lys8) Rabbit mAb               | WB/ChIP/CUT&Tag         | H, M, R    |
| Crotonylation         | PTM-535RM      | Anti-Crotonyl-Histone H3 (Lys14) Rabbit mAb            | WB/IHC-P/ChIP           | H, M, R    |
|                       | PTM-540        | Anti-Crotonyl-Histone H3 (Lys18) Mouse mAb             | WB/IHC-P/ChIP           | H, M, R    |
|                       | PTM-545RM      | Anti-Crotonyl-Histone H3 (Lys27) Rabbit mAb            | WB/ICC/IF/ChIP          | H, M, R    |
|                       | PTM-527        | Anti-Crotonyl-Histone H3 (Lys4) Mouse mAb              | WB/ChIP                 | H, M, R    |
|                       | PTM-539        | Anti-Crotonyl-Histone H3 (Lys9) Mouse mAb              | WB/ChIP                 | H, M, R    |
|                       | PTM-530        | Anti-Crotonyl-Histone H4 (Lys12) Mouse mAb             | WB/ChIP                 | H, M, R    |
|                       | PTM-854        | Anti-2-Hydroxyisobutyryl-Histone H4 (Lys5) Mouse mAb   | WB/ChIP                 | H, M, R    |
|                       | PTM-805        | Anti-2-Hydroxyisobutyryl-Histone H4 (Lys8) Rabbit pAb  | WB/ICC/IF               | H, M, R    |
|                       | PTM-841RM      | Anti-2-Hydroxyisobutyryl-Histone H3 (Lys14) Rabbit mAb | WB                      | H, M, R    |
|                       | PTM-882        | Anti-2-Hydroxyisobutyryl-Histone H3 (Lys18) Mouse mAb  | WB/IHC-P/ChIP/ICC/IF    | H, M, R    |
| β-Hydroxybutyrylation | PTM-843RM      | Anti-2-Hydroxyisobutyryl-Histone H3 (Lys23) Rabbit mAb | WB/ICC/IF               | H, M, R    |
|                       | PTM-1293       | Anti-β-Hydroxybutyryl-Histone H3 (Lys27) Mouse mAb     | WB                      | H, M, R    |
|                       | PTM-1296       | Anti-β-Hydroxybutyryl-Histone H3 (Lys4) Mouse mAb      | WB/IP                   | H, M, R    |
|                       | PTM-1250RM     | Anti-β-Hydroxybutyryl-Histone H3 (Lys9) Rabbit mAb     | WB/IHC-P/ChIP           | H, R       |
|                       | PTM-1206RM     | Anti-β-Hydroxybutyryl-Histone H4 (Lys12) Rabbit mAb    | WB/ICC/IF/ChIP          | H          |

| PTM Type       | Catalog Number  | Product Name  | Applications                              | Reactivity |
|----------------|-----------------|---|---|------------|
| Succinylation  | PTM-413         | Anti-Succinyl-Histone H3 (Lys122) Rabbit pAb            | WB  | H, M, R    |
|                | PTM-422         | Anti-Succinyl-Histone H3 (Lys23) Mouse mAb              | WB/IHC-P/ChIP                             | H, M, R    |
| Butyrylation   | PTM-312         | Anti-Butyryl-Histone H3 (Lys9) Mouse mAb                | WB/ChIP/ICC/IF                            | H, M, R    |
| Propionylation | PTM-215         | Anti-Propionyl-Histone H3 (Lys14) Mouse mAb             | WB  | H, M, R    |
|                | PTM-208         | Anti-Propionyl-Histone H3 (Lys23) Mouse mAb             | WB/IHC-P/ChIP                             | H, M, R    |
| Acetylation    | PTM-158         | Anti-Acetyl-Histone H3 (Lys18) Mouse mAb                | WB/IHC-P/ICC/IF/ChIP                      | H, M, R    |
|                | PTM-116RM       | Anti-Acetyl-Histone H3 (Lys27) Rabbit mAb               | WB/IP/ICC/IF                              | H, M, R    |
|                | PTM-117         | Anti-Acetyl-Histone H3 (Lys36) Rabbit pAb               | WB/IHC-P/ICC/IF/ChIP                      | H, M, R    |
|                | PTM-112RM       | Anti-Acetyl-Histone H3 (Lys9) Rabbit mAb                | WB/IHC-P/ChIP/CUT&Tag                     | H, M, R    |
|                | PTM-124         | Anti-Acetyl-Histone H3 (Lys4) Rabbit pAb                | WB/ChIP                                   | H, M, R    |
| Ubiquitination | PTM-1120        | Anti-Ubiquityl-Histone H2B (Lys120) Mouse mAb           | WB  | H, M, R    |
|                | PTM-5312        | Anti-Di-Methyl-Histone H3 (Lys27) Mouse mAb             | WB/IHC-P/ChIP                             | H, M, R    |
|                | PTM-662         | Anti-Di-Methyl-Histone H3 (Lys36) Mouse mAb             | WB/IHC-P/ChIP                             | H, M, R    |
| Methylation    | PTM-641         | Anti-Di-Methyl-Histone H3 (Lys4) Mouse mAb              | WB/IHC-P/ICC/IF/ChIP                      | H, M, R    |
|                | PTM-627RM       | Anti-Di-Methyl-Histone H3 (Lys56) Rabbit mAb            | WB/IHC-P/ICC/IF/IP/ChIP                   | H, M, R    |
|                | PTM-638RM       | Anti-Tri-methyl-Histone H3 (Lys23) Rabbit mAb           | WB/FC/ChIP/IP                             | H, M, R    |
|                | PTM-5002        | Anti-Tri-Methyl-Histone H3 (Lys27) Mouse mAb            | WB/IHC-P/ICC/IF/ChIP                      | H, M, R    |
|                | PTM-625RM       | Anti-Tri-Methyl-Histone H3 (Lys36) Rabbit mAb           | WB/IHC-P                                  | H, M, R    |
|                | PTM-5019        | Anti-Tri-Methyl-Histone H3 (Lys4) Mouse mAb             | WB/ChIP                                   | H, M, R    |
|                | PTM-616         | Anti-Tri-Methyl-Histone H3 (Lys9) Rabbit pAb            | WB/IHC-P/ICC/IF                           | H, M, R    |
|                | PTM-650RM       | Anti-Asymmetric Di-Methyl-Histone H3 (Arg17) Rabbit mAb | WB/ChIP                                   | H, M, R    |
|                | PTM-668         | Anti-Asymmetric Di-Methyl-Histone H3 (Arg2) Mouse mAb   | WB/IHC-P/ChIP/ICC/IF                      | H, M, R    |
|                | Phosphorylation | PTM-756   | Anti-Phospho-Histone H3 (Ser28) Mouse mAb | WB/ChIP    |
| PTM-710        |                 | Anti-Phospho-Histone H3 (Thr3) Rabbit pAb               | WB/IP                                     | H, M, R    |
| PTM-724RM      |                 | Anti-Phospho-Histone H3 (Thr45) Rabbit mAb              | WB  | H          |