

## Product datasheet for **TA160015**

### Acetyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody [Clone ID: RM172]

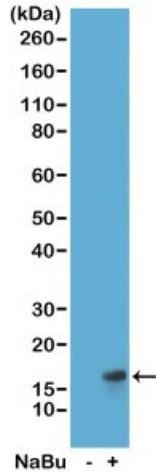
#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | RM172   |
| Applications:         | WB  |
| Recommended Dilution: | WB: 0.5 ug/mL - 2 ug/mL;, ELISA: 0.2 ug/mL - 1 ug/mL;, Multiplex: 0.1 ug/mL - 0.5 ug/mL.                  |
| Reactivity:           | All Species   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Monoclonal  |
| Immunogen:            | An acetyl-peptide corresponding to the Acetyl-Histone H3 (Lys27).   |
| Formulation:          | PBS with 1% BSA and 0.09% sodium azide  |
| Purification:         | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Note:                 | RM172 reacts to Histone H3 acetylated at Lysine 27 (K27ac). No cross react                                |

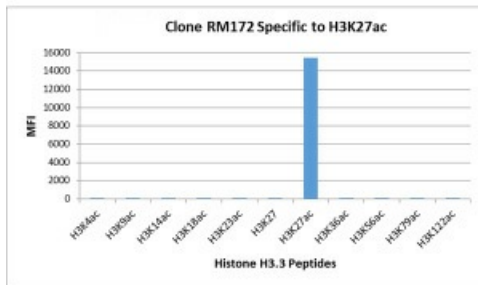


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Product images:



Western Blot of acid extracts from HeLa cells untreated (-) or treated (+) with sodium butyrate, using anti-H3K27ac antibody at 1 ug/mL, showed a band of histone H3 acetylated at Lysine 27 in treated HeLa.



Anti-H3K27ac antibody specifically reacts to Histone H3 acetylated at Lysine 27 (K27ac). No cross reactivity with acetylated Lysine 4 (K4ac), Lysine 9 (K9ac), Lysine 14 (K14ac), Lysine 18 (K18ac), Lysine 23 (K23ac), Lysine 36 (K36ac), Lysine 56 (K56ac), L