

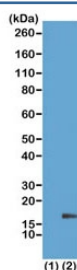
## Recombinant H3K18me1 Antibody [clone RM167] (R20218)

| Catalog No.  | Formulation   | Size   |
|--------------|---|--------|
| R20218-100UG | 1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide | 100 ug |
| R20218-25UG  | 1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide | 25 ug  |

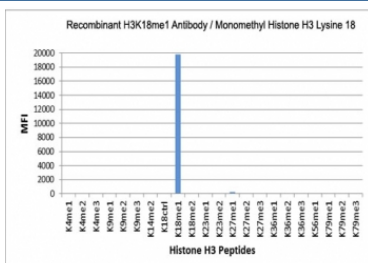
Recombinant **RABBIT MONOCLONAL**

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|                    |  |
|--------------------|--|
| Availability       | 1-3 business days  |
| Species Reactivity | All Species  |
| Format             | Purified   |
| Clonality          | Recombinant Rabbit Monoclonal  |
| Isotype            | Rabbit IgG   |
| Clone Name         | RM167  |
| Purity             | Protein A purified from animal origin-free supernatant                 |
| UniProt            | P84243   |
| Gene ID            | 8350   |
| Applications       | Western Blot : 1-2ug/ml<br>ELISA : 0.2-1ug/ml                          |
| Limitations        | This recombinant H3K18me1 antibody is available for research use only. |



Western blot of recombinant Histone H3.3 (1) and acid extracts of HeLa cells (2) using recombinant H3K18me1 antibody at 1 ug/ml showed a band of Histone H3 monomethylated at Lysine 18 (K18me1) in HeLa cells.



The recombinant H3K18me1 antibody specifically reacts to Histone H3 monomethylated at Lysine 18 (K18me1). No cross reactivity with unmodified (K18Ctrl) or dimethylated Lysine 18 (K18me2), or other methylations in Histone H3.

## Description

This recombinant H3K18me1 antibody reacts to Histone H3 monomethylated at Lysine 18 (K18me1). No cross reactivity with dimethylated (K18me2) or trimethylated Lysine 18(K18me3), or other methylations in Histone H3.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H3K18me1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A monomethyl-peptide corresponding to Monomethyl-Histone H3 (Lys18) was used as the immunogen for this recombinant H3K18me1 antibody.

## Storage

Store the recombinant H3K18me1 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).