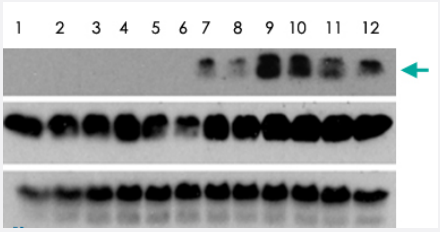
RecomAb™

# Histone H3 (crotonyl K9) monoclonal antibody, clone RM339

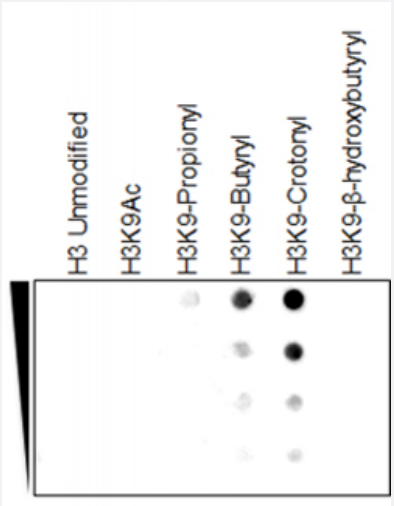
Catalog # MAB21965 Size 100 ug

## Applications




### Western Blot

Western Blot analysis of crotonyl-Histone H3 (K9).




### Dot Blot (Peptide)

Dot Blot (Peptide) reacts specifically to Histone H3 crotonylated at Lysine 9, and it cross-reactivity with different peptides.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human histone H3. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic crotonyl peptide corresponding to residues surroundin g Lys9 of human histone H3. |

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| | |
|---|---|
| **Reactivity** | Human |
| **Specificity** | This antibody reacts to Histone H3 crotonylated at Lysine 9 (K9cr). No cross reactivity with other crotonylated or acetylated Lysines in histone H3. |
| **Form** | Liquid |
| **Purification** | Protein A purification |
| **Isotype** | IgG |
| **Recommend Usage** | Dot Blot (0.5 ug/mL-2 ug/mL)<br>Multiplex (0.05 ug/mL-0.5 ug/mL)<br>Western Blot (1 ug/mL-5 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS (50% glycerol, 1% BSA, 0.09% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot

  Western Blot analysis of crotonyl-Histone H3 (K9).

- Dot Blot (Peptide)

  Dot Blot (Peptide) reacts specifically to Histone H3 crotonylated at Lysine 9, and it cross-reactivity with different peptides.

- Multiplex

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