BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Trimethyl-Phospho-Histone H3 (Lys9/Ser10) H3F3A Rabbit Monoclonal Antibody, Clone#RM162

Catalog Number: P06819-4

Overview

Product Name	Anti-Trimethyl-Phospho-Histone H3 (Lys9/Ser10) H3F3A Rabbit Monoclonal Antibody, Clone#RM162
Reactive Species	Human, Vertebrates
Description	Boster Bio Anti-Trimethyl-Phospho-Histone H3 (Lys9/Ser10) H3F3A Rabbit Monoclonal Antibody, Clone#RM162 (Catalog # P06819-4). Tested in WB, ELISA, Luminex applications. This antibody reacts with Human, Vertebrates.
Application	ELISA, WB, Luminex
Clonality	Monoclonal RM162
Formulation	50% Glycerol/PBS with 1% stabilizing protein and 0.09% sodium azide This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P84243

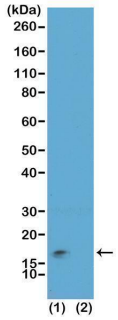
Technical Details

Immunogen	A trimethyl-phospho-peptide corresponding to Trimethyl- Phospho-Histone H3 (Lys9/Ser10).
Cross Reactivity	This antibody reacts to Histone H3 only when modified AT both trimethyl lysine 9 and phospho serine 10 (K9me3/S10p).
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	WB: 0.01 ug/mL - 1 ug/mL ELISA: 0.01 ug/mL - 0.5 ug/mL Luminex: 0.1 ug/mL – 1 ug/mL.

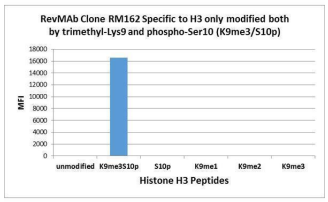
BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Trimethyl-Phospho-Histone H3 (Lys9/Ser10) H3F3A Rabbit Monoclonal Antibody, Clone#RM162 (P06819-4) Images



Western Blotting resultWestern Blot of acid extracts of HeLa cells (1) and recombinant histone H3.3 (2), using RM162 at 0. 01 ug/mL, showed a band of histone H3 modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p) in HeLa cells.



Specificity Test resultRM162 specifically reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p). No cross reactivity with non-modified Lysine 9/ Serine 10, methylated Lysine 9 (K9me1, k9me2, k9me3) ONLY, or phosphorylation at Serine 9 ONLY in Histone H3.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Anti-Trimethyl-Phospho-Histone H3 (Lys9/Ser10) H3F3A Rabbit Monoclonal Antibody, Clone#RM162

For Research Use Only. Not for use in diagnostic procedures.