

Anti-Trimethyl-Histone H3 (Lys4) H3F3A Rabbit Monoclonal Antibody, Clone#RM340

Catalog Number: M06819-2

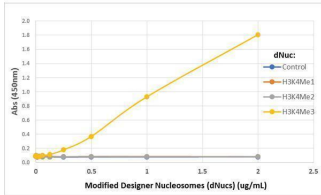
Overview

Product Name	Anti-Trimethyl-Histone H3 (Lys4) H3F3A Rabbit Monoclonal Antibody, Clone#RM340
Reactive Species	Human, Vertebrates
Description	Boster Bio Anti-Trimethyl-Histone H3 (Lys4) H3F3A Rabbit Monoclonal Antibody, Clone#RM340 (Catalog # M06819-2). Tested in ChIP, ELISA, Luminex applications. This antibody reacts with Human, Vertebrates.
Application	ChIP, ELISA, Luminex
Clonality	Monoclonal RM340
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

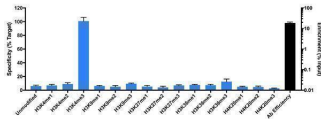
Technical Details

Immunogen	A trimethyl-peptide corresponding to Trimethyl-Histone H3 (Lys4)
Cross Reactivity	This antibody reacts to Histone H3 trimethylated at Lysine 4 (K4me3). No cross-reactivity with monomethylated Lysine 4 (K4me1) or dimethylated Lysine 4 (K4me2), or other methylation in histone H3.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	Chromatin IP: 1 ug/mL – 5 ug/mL ELISA: 1 ug/mL – 10 ug/mL Luminex: 0.5 ug/mL – 2 ug/mL.

Anti-Trimethyl-Histone H3 (Lys4) H3F3A Rabbit Monoclonal Antibody, Clone#RM340 (M06819-2) Images



ELISA result showing specificity of Designer Nucleosomes (dNucs) (Recombinant Human Nucleosome with H3 K4 Modified), using anti-H3K4me3 rabbit monoclonal antibody clone RM340 (10 g/mL).



ChIP result SNAP-ChIP TM / qPCR using anti-H3K4me3 rabbit monoclonal antibody clone RM340. Antibody (3 g at 17 g/mL) was tested in native ChIP with 3 g HEK-293 chromatin (~1x10⁶ cells). Specificity (left Y-axis)

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