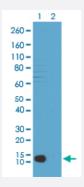


RecomAb™

Histone H4 (trimethyl K20) monoclonal antibody, clone RM208

Catalog # MAB12799 Size 100 ug

Applications



Western Blot

Western blot analysis of Lane 1: acid extracts of HeLa cell and Lane 2: recombinant Histone H4 with Histone H4 (trimethyl K20) monoclonal antibody, clone RM208 (Cat # MAB12799) at 1 ug/mL working concentration, showed a band of Histone H4 trimethylated at Lysine 20.

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Histone H4 (trimethyl K20) monoclonal antibody, clone RM208 (Cat# MAB12799) specifically reacts to Histone H4 trimethylated at Lysine 20 (K20me3). May slightly cross react to dimethylated Lysine 20 (K20me2) at higher concentrations. No cross reactivity with non-modified Lysine 20, monomethylated Lysine 20 (K20me1), or other methylations in histone H4.

Specification	
Product Description	Rabbit recombinant monoclonal antibody raised against of human histone H4 (trimethyl K20).
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic trimethyl peptide corresponding to residues surroundin g K20 of human Histone H4.



Product Information

Sequence	N/A
Specificity	This antibody reacts to Histone H4 trimethylated at Lysine 20. It may slightly cross react to dimethylat ed Lysine 20 at a higher concentration. No cross reactivity with non-modified Lysine 20, monomethyl ated Lysine 20, or other methylations in histone H4.
Form	Liquid
Purification	Protein A purification
Isotype	lgG
Recommend Usage	ELISA (0.5 ug/mL-1 ug/mL) Western Blot (1 ug/mL-2 ug/mL) 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. 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. This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Histone H4 (trimethyl K20) monoclonal antibody, clone RM208 (Cat# MAB12799) specifically reacts to Histone H4 trimethylated at Lysine 20 (K20me3). May slightly cross react to dimethylated Lysine 2 0 (K20me2) at higher concentrations. No cross reactivity with non-modified Lysine 20, monomethylated Lysine 20 (K20me1), or other methylations in histone H4.

Applications

Gene Name

Western Blot

Western blot analysis of Lane 1: acid extracts of HeLa cell and Lane 2: recombinant Histone H4 with Histone H4 (trimethyl K20) monoclonal antibody, clone RM208 (Cat # MAB12799) at 1 ug/mL working concentration, showed a band of Histone H4 trimethylated at Lysine 20.

Enzyme-linked Immunoabsorbent Assay

HIST4H4

Gene Info — HIST4H4		
Entrez GeneID	121504	
Protein Accession#	P62805	



Product Information

Gene Alias	H4/p, MGC24116
Gene Description	histone cluster 4, H4
Gene Ontology	<u>Hyperlink</u>
Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped aro und a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H 4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; inste ad, they contain a palindromic termination element. [provided by RefSeq
Other Designations	histone 4, H4 histone H4

Pathway

Systemic lupus erythematosus