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Anti-Histone H3-dimethyl-Arg8, NeuroMab clone N293/50

Available as TC supe (RRID: AB_2315851)

Immunogen:

Synthetic peptide amino acids 5-15 (KQTA[dimethyl-R-asymmetric]KSTGGK) of human Histone H3.1 (also known by many other names, accession number P68431) Mouse: 100% identity (11/11 amino acids identical) Rat: 100% identity (11/11 amino acids identical) 100% identity with Histones H3.2, H3.3 and H3.3C

Monoclonal antibody info: Mouse strain: Balb/C Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications: ELISA and Dot blot

Species Reactivity: human, mouse, rat

Does not cross-react with unmethylated Histone H3.1

Serial dilutions of BSA-conjugated modified and unmodified peptides dotted onto membrane and probed with N293/50 TC supe (left) and rabbit anti-BSA (right).

	KQTA[c	
500 ng		
100 ng		
20 ng	•	
4 ng		
0.8 ng		
0.16 ng		
.032 ng		
0 ng		
	N293/50	

dimethyl-R-asymmetric]KSTGGK-BSA

KSTGGK-BSA

KQTA[dimethyl-R-asymmetric]KSTGGK-BSA

KQTARKSTGGK-BSA

Rabbit

anti-H3-dimethyl-Arg8 anti-BSA

0