

## Mouse Anti-Conjugated Histamine mAb

<b>Catalog No.</b>	MA2019	<b>Quantity:</b>	100 µl
<b>Description:</b>	Monoclonal antibody was obtained after BALB/c mouse immunization with the conjugate : Histamine-Hexamethylene diisocyanate-Carrier proteins and hybridization of spleen cells with the myeloma cell line SP2/O/Ag14. Ascite production was performed in BALB/c mice.		
<b>Form:</b>	Lyophilized		
<b>Purity:</b>	The ascetic fluid was purified by ammonium sulfate precipitation		
<b>Host:</b>	Mouse		
<b>Isotype:</b>	IgA, Kappa		
<b>Specificity:</b>	Using a conjugate histamine-(Pc), antibody specificity was performed with an ELISA test by competition experiments with the following compounds:		

Compounds	Cross-reactivity ratio (a)
Histamine-HD-(Pc)	1
1-Methyl-Histamine-HD-(Pc)	1
Histamine-G-(Pc)	1/> 50,000
Histamine-GA-(Pc)	1/> 50,000
Histidine-HD-(Pc)	1/> 50,000

(a) : Histamine-HD-(Pc) concentration/ other conjugated amino acids concentration at half displacement ; HD : Hexamethylene diisocyanate ; G : Glutaraldehyde ; GA : Glutaric anhydride

<b>Applications:</b>	Immunohistochemistry. Optimal dilutions should be determined by each laboratory for each application.
<b>Storage &amp; Stability:</b>	Lyophilized vial must be stored at 4°C in a dry area. After reconstitution with 50 µl of distilled water and 50 µl of glycerol, the aliquot can be stored at -20°C, and is stable at least 2 years
<b>Research Areas:</b>	Neurobiology, Immunology

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