

Mouse Anti-DL-5-Hydroxytryptophan-Conjugate mAb

Catalog No.	MA2003	Quantity:	100 µl
Description:	Mouse monoclonal antibody against DL-5-hydroxytryptophan-glutaraldehyde-BSA conjugate. The mAb was obtained after immunization of BALB/c mice with DL-5-Hydroxytryptophan conjugated with glutaraldehyde to a BSA protein carrier. BALB/c spleen cells were hybridized with the myeloma cell line SP2/0/AG14. The mAb was then obtained from BALB/c ascites fluid.		
Purity:	The ascitic fluid was purified by ammonium sulfate precipitation		
Specificity:	Using DL-5-Hydroxytryptophan-Glutaraldehyde-BSA, antibody specificity was performed by ELISA using comparative experiments with 3 other indolamines (see figure below).		
Host:	Mouse		
Immunogen:	Synthetic DL-5-Hydroxytryptophan glutaraldehyde conjugated to protein carrier		
Isotype:	IgG1,κ		
Clone:	HHW1		
Formulation:	Lyophilized		
Purification:	Ammonium sulfate precipitation		
Reconstitution:	Reconstitue with 50 µl of Distilled Water + 50 µl of Glycerol.		
Applications:	Immunocytochemistry		
Application Notes:	Research areas: Neurobiology, Pharmacology, Biochemistry		
Storage & Stability:	Store at 2-4°C in a dry location. After reconstitution, aliquot and freeze at -20°C. Frozen antibody is stable for 2 years. Avoid repeated freeze-thaw cycles.		
Also Available:	5-Hydroxytryptophan-G-BSA conjugate: AG043 1 mg		

Antibody specificity was tested by ELISA using comparative results from experiments with three other conjugates. Conjugate concentrations at half-displacement.
G, Glutaraldehyde. BSA, Bovine Serum Albumin.

Compounds

Cross-reactivity ratio

DL-5-Hydroxytryptophan-G-BSA	1
L-Tryptophan-G-BSA	1/>10,000
5-Methoxytryptophan-G-BSA	1/>10,000
5-Hydroxytryptophan-G-BSA	1/>10,000

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