

Mouse Anti-Conjugated L-Dihydroxyphenylalanine (L-DOPA) mAb

Catalog No. MA2001 Quantity: 100 µl

Description: Mouse Anti-Conjugated L-Dihydroxyphenylalanine (L-DOPA) mAb consists of 10.0 mg

total IgG and 0.1 mg antigen specific IgG.

Concentration: 1.0 mg/ml of antigen specific lgG after reconstitution

Purity: The ascitic fluid was purified by ammonium sulfate precipitation.

Specificity: Using a conjugate L-DOPA-(Pc), antibody specificity was performed with an ELISA test

by competition experiments with the following compounds:

L-DOPA-G-(Pc), Cross-reactivity ratio of 1

Dopamine-G-(Pc), Cross-reactivity ratio of 1: >50,000 Noradrenaline-G-(Pc), Cross-reactivity ratio of 1: >50,000

Host: Mouse

Immunogen: Synthetic L-DOPA conjugated to protein carrier (Pc)

Isotype: IgG₁ kappa
Formulation: Lyophilized

Purification: IgGs were purified from antiserum that had been pre-absorbed against BSA.

Reconstitution: Centrifuge vial prior to opening. It is critical to use the following sequence when

reconstituting this antibody: dissolve antibody in 50 µl sterile distilled water, then add 50

μl glycerol.

Applications: ELISA: working dilution of 1:1,000 - 1:5,000.

Immunocytochemistry: working dilution of 1:1,000 - 1:5,000.

Western Blot: working dilution of 1:1,000 - 1:2,000.

The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store lyophilized antibody at 2-4°C. Reconstituted antibody is stable for at least 2 years

in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.

Research Areas: Neurobiology, Pharmacology, Thrombosis research

Also available: Corresponding Antigen: Catalog No. AG032: L-DOPA conjugate, 1 mg

Fax: 781-828-0542

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