



Tyrosine Hydroxylase

Data Sheet

Catalog Number:	MO22941	Host:	Mouse
Product Type:	Mouse Monoclonal IgG1 Ascites	Species:	Mouse, Primate, Rat
Immunogen Sequence:	Full-length TH purified to homogeneity from PC12 cells, which are of rat origin	Reactivity:	Human
		Format:	lyophilized

Applications: **Immunohistochemistry:**
1:1000 -1:2000 in PBS/0.3% Triton X-100 Cy3 Technique
1:4000-1:8000 in PBS/0.3% Triton X-100 Bn-Av/HRP Technique
Western Blot: 1:1000-1:2000

Storage and Preparation: Reconstitute vial with 100 µL of distilled or deionized water.
Storage after reconstitution: Dilute with phosphate buffer or Tris buffer at dilutions no higher than 1/10, aliquot and freeze at -15° C or lower. Stability after reconstitution: Antibody can be stored for up to six months if handled as described above.

It is strongly recommended that the customer perform a primary antibody dilution series using our dilution recommendations as a guideline. Note that a change in the fixation or buffering system as used in our protocol may change the configuration of the protein and, therefore, may alter the reactivity with the tissue tested.

Application Notes for Immunohistochemistry

Control Tissue: Rat striatum and substantia nigra

Perfusion Fixation: Fixative - 4% paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4. Post Fixation - 1.5 hr. at 4° C in 4% paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4.

Sections: 10 µm cryostat frozen sections or 50 µm vibratome sections.

Dilution recommendation: 1/1,000 – 1/2,000 in PBS/0.3% Triton X-100 Cy3 Technique
1/4,000 - 1/8,000 in PBS/0.3% Triton X-100 Bn-Av/HRP Technique

Incubation on tissue: 18-24 hr at 2-8° C

Detection System: Use Cy3 and Bn-Av/HRP reagents at dilutions recommended by the manufacturer.

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www.neuromics.com

Neuromics • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail: pshuster@neuromics.com