TH Monoclonal Antibody

catalog number: **E-AB-70206**

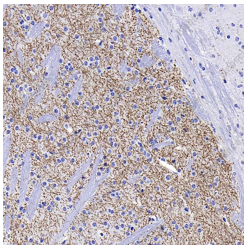
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

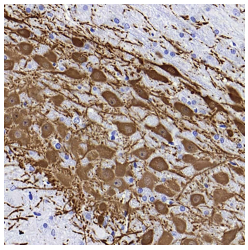
Reactivity	Mouse;Rat
Immunogen	Recombinant protein corresponding to Mouse Tyrosine Hydroxylase
Host	Mouse
Isotype	Mouse IgG
Clone	5B7D10
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:500-1:2000
IF	1:300-1:800

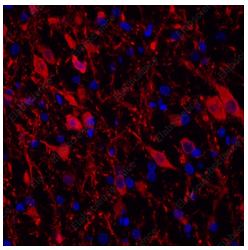
Data



Immunohistochemistry analysis of paraffin-embedded mouse striatum using TH Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded rat substantia nigra using TH Monoclonal Antibody at dilution of 1:1000.



Immunofluorescence analysis of paraffin-embedded rat brain using TH Monoclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

TH(Tyrosine 3-monooxygenase) converts L-tyrosine to L-3,4-dihydroxyphenylalanine (L-DOPA),the essential and rate-limiting step to formation of dopamine and other catecholamines. TH plays an important role in the physiology of adrenergic neurons and can be used as a marker for dopaminergic and noradrenergic neurons.

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