

TH monoclonal antibody

Catalog: MB22104

Host: Mouse

Reactivity: Human, Rat

BackGround:

The protein encoded by this gene is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons. Mutations in this gene have been associated with autosomal recessive Segawa syndrome. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

58.6kDa

Swiss-Prot:

P07101

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

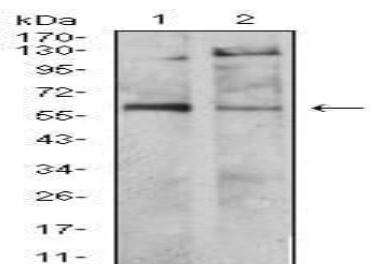
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

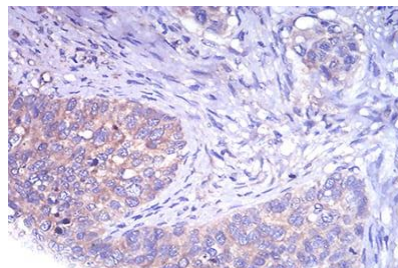
Isotype:

Mouse IgG1

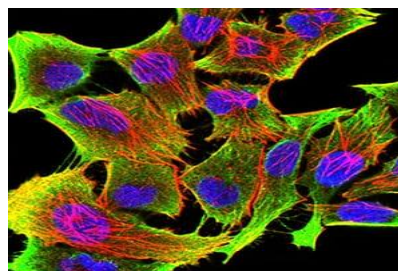
DATA:



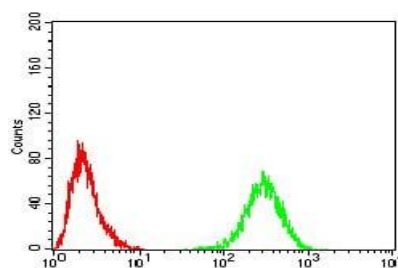
Western blot analysis using TH mouse mAb against SH-SY5Y (1) and PC-12 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using TH mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using TH mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using TH mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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