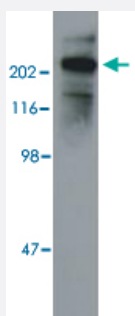


Neurofilament heavy protein monoclonal antibody, clone NF-05

Catalog # MAB6481

Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blotting analysis of neurofilament heavy protein in porcine brain lysate (reducing conditions) by Neurofilament heavy protein monoclonal antibody, clone NF-05 (Cat # MAB6481).

Specification

Product Description	Mouse monoclonal antibody raised against native Neurofilament heavy protein.
Immunogen	Native purified from pig brain neurofilament protein-enriched fraction after depolymerization of microtubules.
Host	Mouse
Theoretical MW (kDa)	210
Reactivity	Human, Pig, Rat
Specificity	This antibody recognizes a nonphosphorylated epitope of neurofilament heavy protein (NF-H), a 210 KDa intracellular structural protein of Intermediate Filament Proteins family.
Form	Liquid
Concentration	1 mg/mL
Isotype	IgG1

Recommend Usage	ELISA Immunohistochemistry Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blotting analysis of neurofilament heavy protein in porcine brain lysate (reducing conditions) by Neurofilament heavy protein monoclonal antibody, clone NF-05 (Cat # MAB6481).

- Immunohistochemistry (Frozen sections)

- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [A systematic review and meta-analysis of CSF neurofilament protein levels as biomarkers in dementia.](#)

Petzold A, Keir G, Warren J, Fox N, Rossor MN.

Neuro-Degenerative Diseases 2007 Jun; 4(2-3):185.

Application: ELISA, Human, Cerebrospinal fluid from patients with neurodegenerative dementias

- [High CSF neurofilament heavy chain levels in neuromyelitis optica.](#)

Miyazawa I, Nakashima I, Petzold A, Fujihara K, Sato S, Itoyama Y.

Neurology. 2007 Mar; 68(11):865.

Application: ELISA, Human, CSF from patients with Neuromyelitis optica, multiple sclerosis

- [Differential subcellular localization of phosphorylated neurofilament and tau proteins in degenerating neurons of the human entorhinal cortex.](#)

Porchet R, Probst A, Draberova E, Draber P, Riederer IM, Riederer BM.

Neuroreport 2003 May; 14(7):929.

Application: IF, IHC, Human, Human entorhinal cortex