

Neurofilament-L (AB1360) mouse mAb

W0476

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 68 kDa (calculated)
- 68 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1360

Immunogen A synthetic peptide corresponding to the amino acid region 400 - 543 of the human Neurofilament protein.

Specificity The antibody can specifically recognize human Neurofilament protein, especially NF-L protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name NEFL

Protein Name Neurofilament

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P07196	4747

Background Neurofilament (NF) is a neuron specific intermediate filament protein. It is a polymer composed of subunits of NF-Human, Rat, Mouse, and NF-L. It exists in neurons, neurites, peripheral nerve fibers, sympathetic ganglion cells and adrenal medulla. It is expressed in ganglioneuroma, paraganglioma, cerebellar or peripheral neuroblastoma, adrenal tumor or peripheral pheochromocytoma. It is helpful to the diagnosis and differential diagnosis of neuroblastoma and pheochromocytoma, and to identify the neurons of Hirschsprung's disease.