

**NF-L / NEFL Antibody (clone 2F11)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS14877**

**Specification**

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**NF-L / NEFL Antibody (clone 2F11) - Product Information**

Application	IHC
Primary Accession	<a href="#">P07196</a>
Reactivity	Human, Opossum
Host	Mouse
Clonality	Monoclonal
Calculated MW	62kDa KDa

**NF-L / NEFL Antibody (clone 2F11) - Additional Information**

**Gene ID** 4747

**Other Names**

Neurofilament light polypeptide, NF-L, 68 kDa neurofilament protein, Neurofilament triplet L protein, NEFL, NF68, NFL

**Target/Specificity**

Reacts exclusively with the phosphorylated isoform of the 70 kD neurofilament protein.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

NF-L / NEFL Antibody (clone 2F11) is for research use only and not for use in diagnostic or therapeutic procedures.

**NF-L / NEFL Antibody (clone 2F11) - Protein Information**

**Name** NEFL

**Synonyms** NF68, NFL

**Function**

Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity).

**Cellular Location**

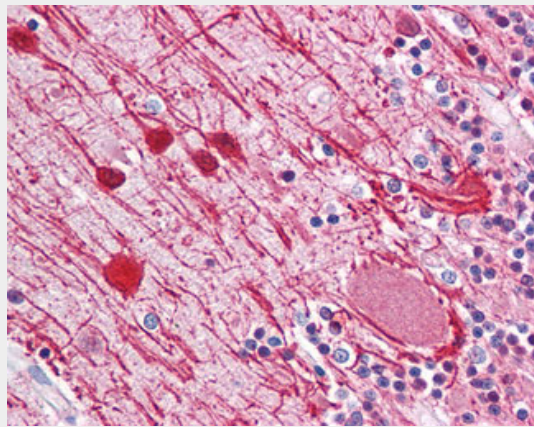
Cell projection, axon {ECO:0000250|UniProtKB:P08551}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:P08551}

## **NF-L / NEFL Antibody (clone 2F11) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **NF-L / NEFL Antibody (clone 2F11) - Images**



Anti-NEFL / NF-L antibody IHC of human brain, cerebellum.

## **NF-L / NEFL Antibody (clone 2F11) - Background**

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber.

## **NF-L / NEFL Antibody (clone 2F11) - References**

- Julien J.-P., et al. *Biochim. Biophys. Acta* 909:10-20(1987).  
Perez-Olle R., et al. *J. Cell Sci.* 115:4937-4946(2002).  
Nusbaum C., et al. *Nature* 439:331-335(2006).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Pospelov V.A., et al. *Cell Growth Differ.* 5:187-196(1994).