

Datasheet for ABIN6940190

**Recombinant anti-NEFL antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NEFL
Reactivity:	Human, Rat, Pig, Cow, Chicken
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This NEFL antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length human NEFL protein
Clone:	NEFL-2983R
Isotype:	IgG
Specificity:	<p>This MAb reacts with a 68 kDa protein, identified as light sub-unit of neurofilaments (NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68 kDa (NF-L), 160 kDa (NF-M) and 200 kDa (NF-H). Anti-neurofilament stains a number of neural, neuroendocrine, and endocrine tumors. Neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas stain positively for anti-neurofilament. Neurofilaments are also present in paragangliomas as well as adrenal and extra-adrenal pheochromocytomas. Carcinoids, neuroendocrine</p>

## Product Details

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carcinomas of the skin, and oat cell carcinomas of the lung also express neurofilament.

Purification: Purified by Protein A/G

## Target Details

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Target: NEFL

Alternative Name: NEFL ([NEFL Products](#))

Molecular Weight: 68kDa

Gene ID: 4747

UniProt: [P07196](#)

## Application Details

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Application Notes: Positive Control: Brain, Neuroblastoma.  
Known Application: Immunohistochemistry (Formalin-fixed) (0.25-0.5 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

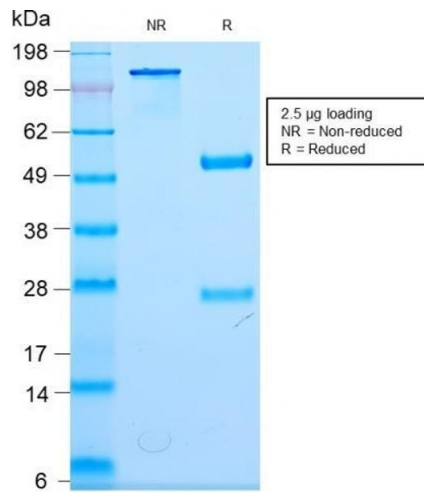
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

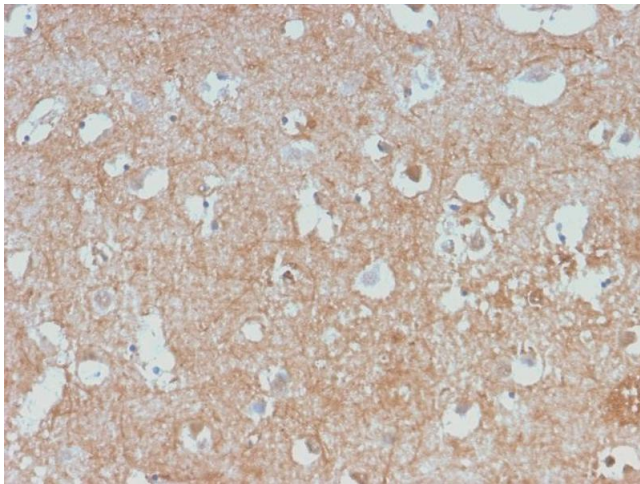
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Neurofilament Rabbit Monoclonal Antibody (NEFL/2983R). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Cerebellum stained with Neurofilament Rabbit Monoclonal Antibody (NEFL/2983R).