

CoraLite®594-conjugated NF200 Monoclonal antibody

Catalog Number: **CL594-60331**

Basic Information

Catalog Number:

CL594-60331

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG13517

GenBank Accession Number:

BC014185

GeneID (NCBI):

4744

UNIPROT ID:

P12036

Full Name:

neurofilament, heavy polypeptide

Calculated MW:

112 kDa

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

1A3C7

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

Species Specificity:

human, pig

Background Information

NEFH, also named as KIAA0845 and NFH, Belongs to the intermediate filament family. It has an important function in mature axons that is not subserved by the two smaller NF proteins. Neurofilaments are the 10nm intermediate filaments found specifically in neurons. They are a major component of the cell's cytoskeleton, and provide support for normal axonal radial growth. Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. The names given to the three major neurofilament subunits are based upon the apparent molecular weight of the mammalian subunits on SDS-PAGE: NF-L, 65-68kd; NF-M, 145-160kd and NF-H, 200-220kd. This antibody recognize NEFH only.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

