

**Product Name: NEFM (5A2) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe14543**

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## Summary

<b>Production Name</b>	NEFM (5A2) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	NEFM
<b>Alternative Names</b>	150kDa medium; NEF3; NEFM; Neurofilament 3; NF160; NFM;
<b>Gene ID</b>	4741.0
<b>SwissProt ID</b>	P07197.

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	102kDa

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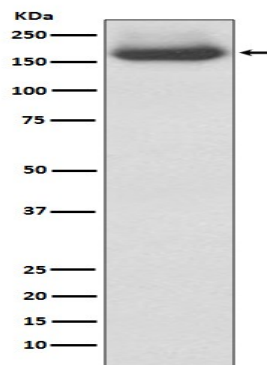
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## Background

Integrins are heterodimers composed of noncovalently associated transmembrane  $\alpha$  and  $\beta$  subunits. The 16  $\alpha$  and 8  $\beta$  subunits heterodimerize to produce more than 20 different receptors. Antibodies to this protein are useful to identify neurons and their processes in tissue sections and in tissue culture. 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).

## Research Area

## Image Data



Western blot analysis of NEFM expression in 293T cell lysate.

## Note

For research use only.