

Datasheet for ABIN2683002
anti-NEFM antibody (AA 381-443)

5 Images

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Overview

Quantity:	0.1 mg
Target:	NEFM
Binding Specificity:	AA 381-443
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NEFM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human NEFM (AA 381-443) expressed in E. Coli.
Clone:	2G12
Isotype:	IgG1

Target Details

Target:	NEFM
Alternative Name:	NEFM (NEFM Products)
Background:	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of

Target Details

	neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Molecular Weight:	102.4kDa
HGNC:	4741
Pathways:	Brown Fat Cell Differentiation

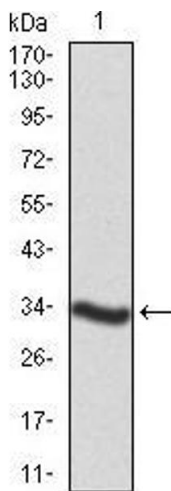
Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

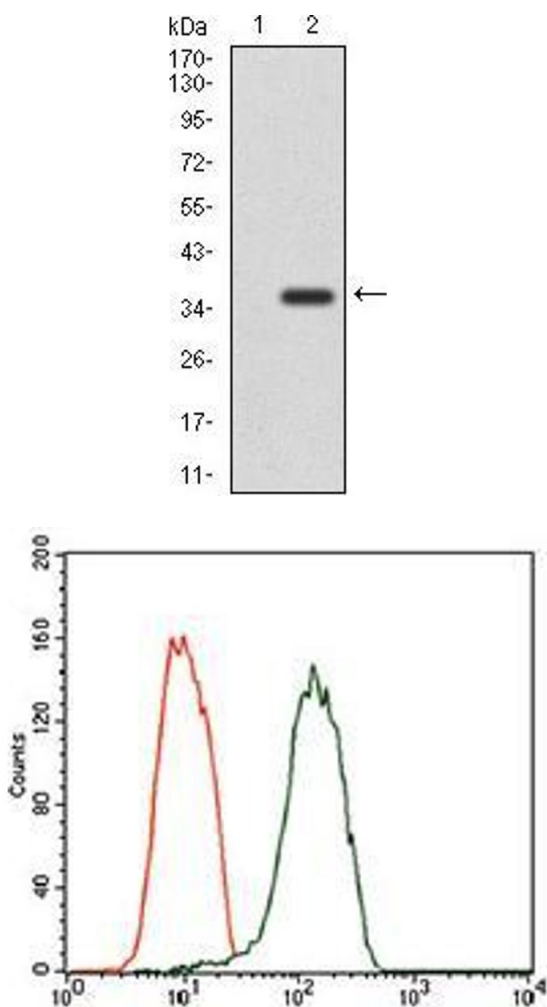
Format:	Liquid
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	4°C, -20°C for long term storage

Images



Western Blotting

Image 1. Western blot analysis using NEFM mAb against human NEFM recombinant protein. (Expected MW is 31.9 kDa)



Western Blotting

Image 2. Western blot analysis using NEFM mAb against HEK293 (1) and NEFM (AA: 381-443)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

Image 3. Flow cytometric analysis of SK-N-SH cells using NEFM mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2683002.