

Datasheet for ABIN2666322
anti-Neuropilin 1 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Neuropilin 1 (NRP1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Clone:	14H4
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	CD304 (NRP1 Products)
Background:	The membrane isoform of CD304 is a receptor that regulates angiogenesis and organogenesis in response to growth factors of the VEGF family. CD304 forms a complex with VEGFR2/KDR, resulting in increased cell migration and chemotaxis. In the nervous system, CD304 complexed with plexin mediates Sema-3A signaling and may be involved in axon guidance.
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle

Target Details

Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

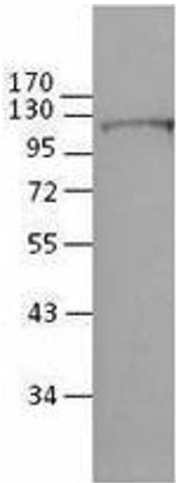
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	phosphate-buffered solution, pH 7.2, containing 0.05 % sodium 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
Storage Comment:	Upon receipt, store undiluted between 2°C and 8°C.

Images



Western Blotting

Image 1.