

Datasheet for ABIN866080
anti-Neuropilin 1 antibody



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Overview

Quantity:	100 µL
Target:	Neuropilin 1 (NRP1)
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Clone:	10-D9
Isotype:	IgM
Specificity:	This antibody is produced by immunizing mouse with recombinant protein Neuropilin-1.
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Positive Control: Recombinant protein. Cellular Localization: Cell membrane, secretory protein

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	Neuropilin-1 (NRP1 Products)
Background:	Neuropilin-1 is a single-pass type I membrane protein, which has two isoforms. The membrane-bound isoform 1 is a receptor involved in the development of the cardiovascular system, in

Target Details

	angiogenesis, in the formation of certain neuronal circuits and in organogenesis outside the nervous system. The soluble isoform 2 binds VEGF-165 (vascular endothelial growth factor165) and appears to inhibit its binding to cells. It may also induce apoptosis by sequestering VEGF-165. Its expression has an averse effect on blood vessel number and integrity.
Molecular Weight:	47kDa
UniProt:	P97333
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Application Details

Application Notes:	WB 1:1,000~1:2,000. ICC 1:100~1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.17mg/ml
Buffer:	1xTBS (pH7.4), 0.5% BSA, 25% Glycerol
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