



Datasheet for ABIN7043378

## anti-Neuropilin 1 antibody (Extracellular, N-Term)



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### 4 Images

#### Overview

Quantity:	25 µL
Target:	Neuropilin 1 (NRP1)
Binding Specificity:	AA 502-514, Extracellular, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Live Cell Imaging (LCI)

#### Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)GGKHRENKVFMRK, corresponding to amino acid residues 502-514 of human neuropilin-1
Isotype:	IgG
Characteristics:	Anti-Neuropilin-1 (NRP1) (extracellular) Antibody (ABIN7043378, ABIN7044702 and ABIN7044703)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in western blot, immunocytochemistry, and live cell imaging applications. It has been designed to recognize NRP1 from human, mouse, and rat samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

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Target:	Neuropilin 1 (NRP1)
Alternative Name:	Neuropilin-1 (NRP1) ( <a href="#">NRP1 Products</a> )
Background:	Alternative names: Neuropilin-1 (NRP1), Vascular endothelial cell growth factor 165 receptor, VEGF165R, CD304
Gene ID:	8829
NCBI Accession:	<a href="#">NM_001024628</a>
UniProt:	<a href="#">O14786</a>
Pathways:	<a href="#">Regulation of Cell Size</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a> , <a href="#">VEGFR1 Specific Signals</a>

## Application Details

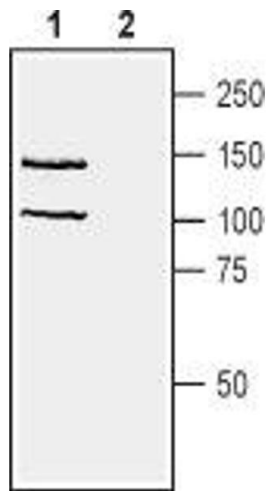
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

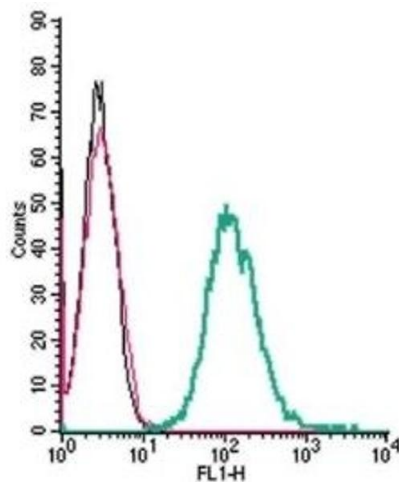
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Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium 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:	RT, 4 °C, -20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



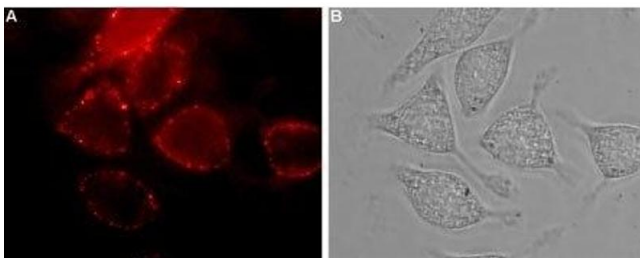
### Western Blotting

**Image 1.** Western blot analysis of human Jurkat T-cell leukemia cell line lysate: - 1. Anti-Neuropilin-1 (NRP1) (extracellular) Antibody (ABIN7043378, ABIN7044702 and ABIN7044703), (1:200). 2. Anti-Neuropilin-1 (NRP1) (extracellular) Antibody, preincubated with Neuropilin-1/NRP1 (extracellular) Blocking Peptide (#BLP-NR063).



### Flow Cytometry

**Image 2.** Cell surface detection of Neuropilin-1 by indirect flow cytometry in live intact mouse J774 macrophage cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-Neuropilin-1 (NRP1) (extracellular) Antibody (ABIN7043378, ABIN7044702 and ABIN7044703), (2.5 µg) + goat-anti-rabbit-FITC.



### Immunocytochemistry

**Image 3.** Expression of Neuropilin-1 in human U-87 MG cells - Cell surface detection of Neuropilin-1 in live intact human U-87 MG glioblastoma cells. A. Extracellular staining of cells using Anti-Neuropilin-1 (NRP1) (extracellular) Antibody (ABIN7043378, ABIN7044702 and ABIN7044703), (1:25). B. Live view of the cells.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043378.