

Datasheet for ABIN7043602
anti-RTN4R antibody (Extracellular) (FITC)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µL
Target:	RTN4R
Binding Specificity:	AA 366-381, Extracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTN4R antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)GDSPPGNGSGPRHIND corresponding to amino acid residues 366-381 of the human Nogo receptor
Isotype:	IgG
Characteristics:	Anti-Nogo Receptor (extracellular) Antibody (ABIN7043601, ABIN7044757 and ABIN7044758)) is a highly specific antibody directed against an epitope of the human protein. The antibody can be used in can be used in western blot, immunohistochemistry and live cell imaging applications. It has been designed to recognize NgR1 from human, mouse and rat samples. Anti-Nogo Receptor (extracellular)-FITC Antibody (ABIN7043601, ABIN7044757 and ABIN7044758)-F) is directly conjugated to fluorescein isothiocyanate (FITC). The antibody can be used in immunofluorescent applications such as direct live cell flow cytometry.

Product Details

Purification: Affinity purified on immobilized antigen.

Target Details

Target:	RTN4R
Alternative Name:	Nogo Receptor (RTN4R Products)
Background:	Alternative names: Nogo Receptor, NogoR, Nogo-R, NgR, NgR1, Nogo-66 receptor, Reticulon 4 receptor, RTN4R
Gene ID:	65078
NCBI Accession:	NM_023004
UniProt:	Q9BZR6
Pathways:	Neurotrophin Signaling Pathway

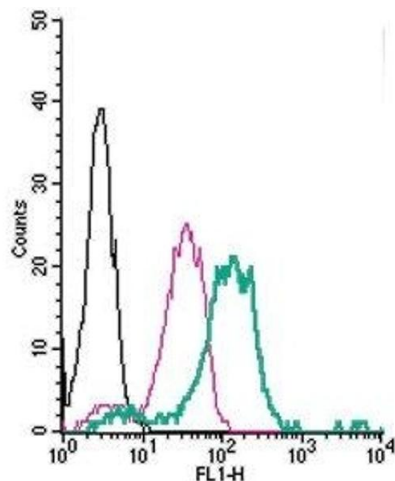
Application Details

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

Handling

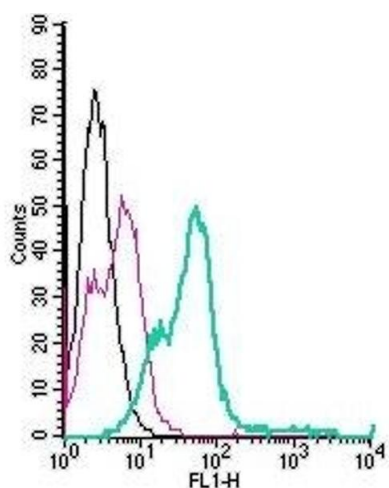
Format:	Lyophilized
Reconstitution:	15 µL or 50 µL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid</p>

multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).



Flow Cytometry

Image 1. Cell surface detection of Nogo Receptor in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-Nogo Receptor (extracellular)-FITC Antibody (ABIN7043602, ABIN7045614, ABIN7045615, ABIN7045616 and ABIN7045617), (2.5 µg).



Flow Cytometry

Image 2. Cell surface detection of Nogo Receptor in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-Nogo Receptor (extracellular)-FITC Antibody (ABIN7043602, ABIN7045614, ABIN7045615, ABIN7045616 and ABIN7045617), (2.5 µg).