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Datasheet for ABIN714866
anti-ROBO4 antibody (AA 261-360)

3 Images

Overview

Quantity:	100 µL
Target:	ROBO4
Binding Specificity:	AA 261-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Robo4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ROBO4
Alternative Name:	Robo4 (ROBO4 Products)

Target Details

Background: Synonyms: MRB, ECSM4, Roundabout homolog 4, Magic roundabout, ROBO4, UNQ421/PRO3674
Background: Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity).

Gene ID: 54538

UniProt: [Q8WZ75](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

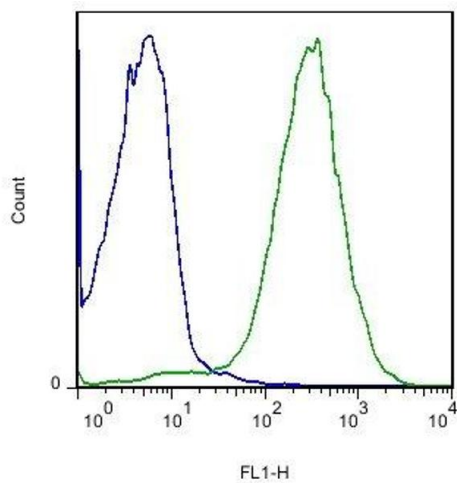
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



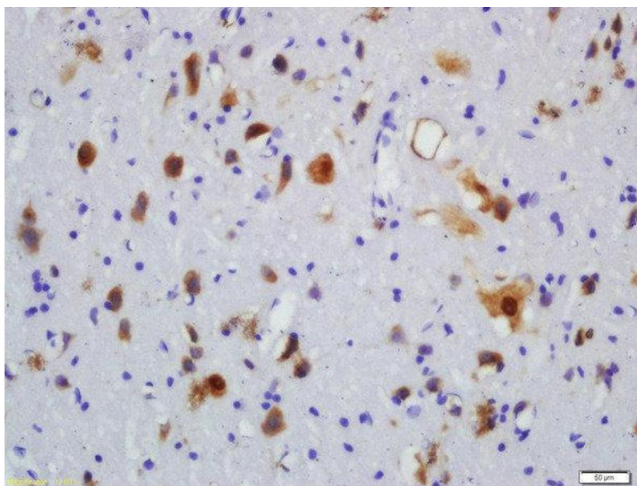
Flow Cytometry

Image 1. Mouse intestine cells probed with Rabbit Anti-Robo4 Polyclonal Antibody, FITC Conjugated (ABIN714866-FITC) (green) at 1:50 for 60 minutes compared to control cells (red).



Western Blotting

Image 2. Rat brain lysate probed with Anti Robo4 Polyclonal Antibody, Unconjugated at 1:3000 for 90 min at 37°C. Predicted band 108kD. Observed band size: 171kD



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-Robo4 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining