Datasheet for ABIN185358

anti-PLXND1 antibody (Internal Region)

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6 Images

Overview

Quantity:	100 µg
Target:	PLXND1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PLXND1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Plexin D1
Immunogen:	Peptide with sequence C-LAEPKKSHRQSH, from the internal region of the protein sequence according to NP_055918.2.
Sequence:	LAEPKKSHRQ SH
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

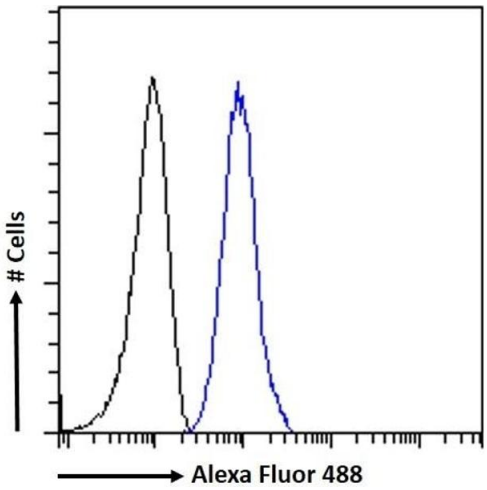
Target:	PLXND1
Alternative Name:	PLXND1 (PLXND1 Products)
Background:	PLXND1, PLEXD1, KIAA0620, plexin D1, MGC75353
Gene ID:	23129
NCBI Accession:	NP_055918

Application Details

Application Notes:	Immunohistochemistry: . Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in the plasma membrane and cytoplasm of HeLa and U251cells. Recommended concentration: 10µg/ml. **Flow Cytometry:** Flow cytometric analysis of K562 cells. Recomme
Restrictions:	For Research Use only

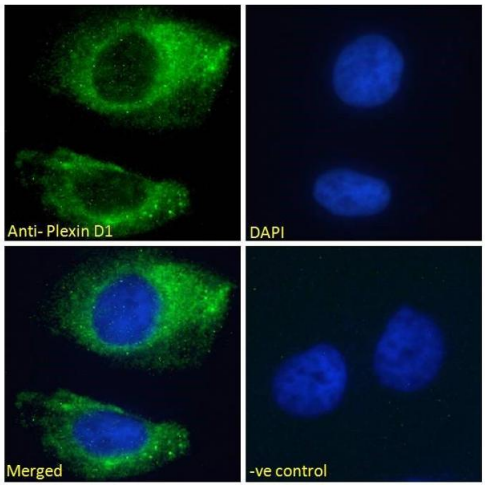
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



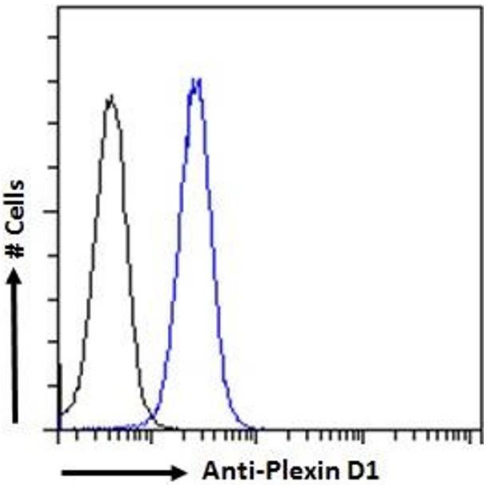
Flow Cytometry

Image 1. (ABIN185358) Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol



Immunofluorescence

Image 2. ABIN185358 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry

Image 3. ABIN185358 Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) fol

Please check the product details page for more images. Overall 6 images are available for ABIN185358.