Datasheet for ABIN7505908

anti-PTGFRN antibody

1 Image

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Overview

Quantity:	0.1 mg
Target:	PTGFRN
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTGFRN antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Anti-Hu CD315 Purified
Immunogen:	HeLa cells
Clone:	1F11
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody 1F11 recognizes an extracellular epitope of CD315, a type I transmembrane glycoprotein expressed on keratinocytes, activated monocytes, and a subset of B cells.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	PTGFRN

Target Details

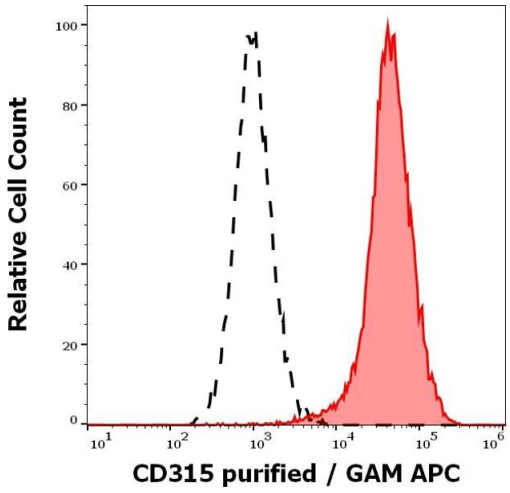
Alternative Name:	CD315 (PTGFRN Products)
Background:	Prostaglandin F2 receptor inhibitor,CD315, also known as prostaglandin F2 receptor negative regulator, is an approximately 135 kDa transmembrane glycoprotein, which associates with actin cytoskeleton, and with CD9 and CD81, but not with other tetraspanins. It seems to be involved in regulation of cell polarity and motility. CD315 is expressed mainly by keratinocytes, activated monocytes, and a subset of B cells, but it can be also used for distinguishing between strongly positive colon cancer and fibrosarcoma cells, and their negative normal cell counterparts.,PF2RI, SMAP-6, PTGFRN, FPRP, EWI-F
Gene ID:	5738
UniProt:	Q9P2B2

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of A431 cells stained using anti-human CD315 (1F11) purified antibody (concentration in sample 1.67 µg/mL, GAM APC) from A431 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).