

Datasheet for ABIN7505909
anti-PTGFRN antibody (PE)[Go to Product page](#)

1 Image

Overview

Quantity:	100 tests
Target:	PTGFRN
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTGFRN antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD315 PE
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 antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	PTGFRN
---------	--------

Target Details

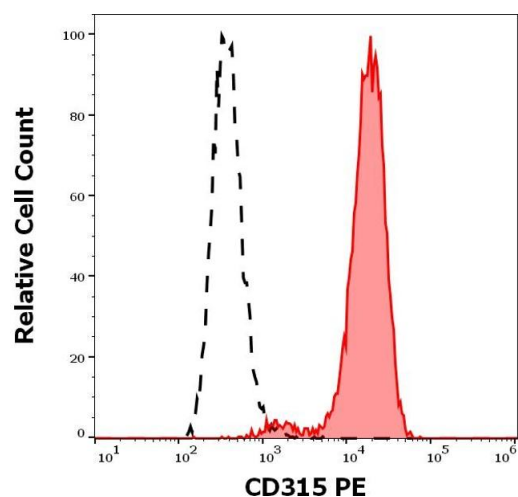
Alternative Name:	CD315 (PTGFRN Products)
Background:	Prostaglandin F2 receptor inhibitor,CD315, also known as prostaglandin F2 receptor negative regulator, is an approximately 135 kDa transmembrane glycoprotein, which associates with actin cytoskeleton, and with CD9 and CD81, but not with other tetraspanins. 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: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing 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. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Separation of A431 cells stained using anti-human CD315 (1F11) PE antibody (10 μ L reagent per million cells in 100 μ L of cell suspension, red-filled) from A431 cells stained using mouse IgG1 isotype control (MOPC-21) PE antibody (concentration in sample 5 μ g/mL, same as CD315 PE concentration, black-dashed) in flow cytometry analysis (surface staining) of A431 cell suspension.