

30-2860: Anti-Human CD315 MAb (Clone: 1F11) Purified

Clonality :	Monoclonal
Clone Name :	1F11
Application :	IP,IHC,FACS,WB
Reactivity :	Human
Gene :	PTGFRN
Gene ID :	5738
Uniprot ID :	Q9P2B2
Format :	Purified
Alternative Name :	prostaglandin F2 receptor inhibitor, PF2RI, SMAP-6, PTGFRN, FPRP, EWI-F
Isotype :	Mouse IgG1

Description

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.

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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	1 mg/ml Formulation: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml

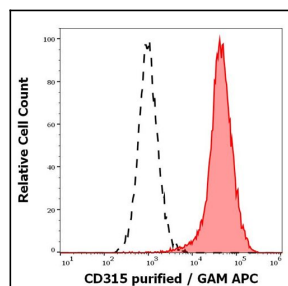


Fig 1: Separation of A431 cells stained using anti-human CD315 (1F11) purified antibody (concentration in sample 1.67 µg/ml, GAM APC) from A431 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).