

anti-Human CD316 Antibody | anti-CD316 antibody

Anti-Hu CD316 Purified

CATALOG # AAA129263	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay, Western Blot
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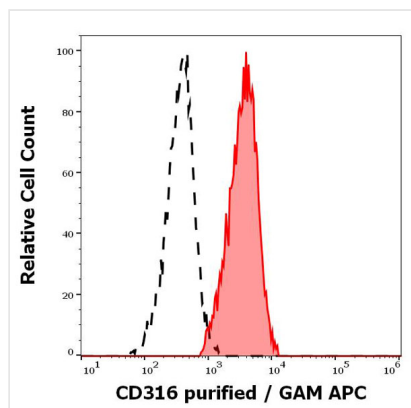
PRODUCT SYNONYMS

CD316; Anti-Hu CD316 Purified; immunoglobulin superfamily member 8; EW12; PGRL; KCT-4; LIR-D1; IGSF8; anti-CD316 antibody

PRODUCT SPECIFICATIONS

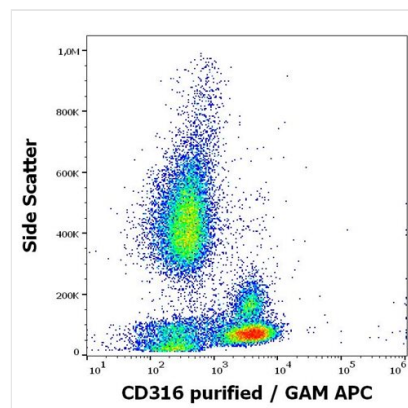
Reactivity	Human
Isotype	Mouse IgG2a
Clone Number	8A12
Specificity	The mouse monoclonal antibody 8A12 recognizes an extracellular epitope of CD316, a type I transmembrane glycoprotein, expressed mainly by lymphocytes, NK cells and in a broad range of tissues.
Form/Format	Purified Purified by protein-A affinity chromatography. Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD316 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	human leukocytes
Preparation and Storage	Store at 2-8 degree C. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Separation of human lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD316 (8A12) purified antibody (concentration in sample 5 ?g/ml, GAM APC).



FCM/FACS (Flow Cytometry)

Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD316 (8A12) purified antibody (concentration in sample 5 ?g/ml, GAM APC).

ADDITIONAL INFORMATION

Related Product Information for anti-CD316 antibody	CD316 is an approximately 63 kDa transmembrane glycoprotein, which forms stable complexes with CD9, as well as with CD81. It seems that CD316 participates in regulation of cell polarity and motility, in cell proliferation, oocyte fertilization and tumor cell metastasis. It is expressed mainly by lymphocytes, NK cells and in a broad range of tissues, and associates with actin cytoskeleton.
References	*Gordón-Alonso M, Sala-Valdés M, Rocha-Perugini V, Pérez-Hernández D, López-Martín S, Ursa A, Alvarez S, Kolesnikova TV, Vázquez J, Sánchez-Madrid F, Yáñez-Mó M: EWI-2 association with alpha-actinin regulates T cell immune synapses and HIV viral infection. J Immunol. 2012 Jul 15;189(2):689-700., URL: https://pubmed.ncbi.nlm.nih.gov/22689882/ ,

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445029
NCBI GeneID	93185
NCBI Accession #	NP_443100.1
NCBI GenBank Nucleotide #	NM_052868.6
UniProt Accession #	Q969P0; Q8NG09; Q96DP4; Q9BTG9
Molecular Weight	40,191 Da
NCBI Official Full Name	immunoglobulin superfamily member 8
NCBI Official Synonym Full Names	immunoglobulin superfamily member 8
NCBI Official Symbol	IGSF8
NCBI Official Synonym Symbols	EWI2; PGRL; CD316; EWI-2; KCT-4; CD81P3; LIR-D1
NCBI Protein Information	immunoglobulin superfamily member 8
UniProt Protein Name	Immunoglobulin superfamily member 8
UniProt Gene Name	IGSF8
UniProt Synonym Gene Names	CD81P3; EWI2; KCT4; IgSF8; EWI-2; KCT-4; PGRL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.