



# CD316 rabbit pAb

Cat No.:ES4212

For research use only

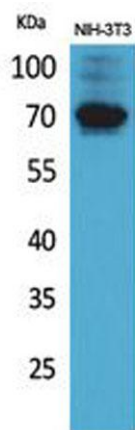
## Overview

<b>Product Name</b>	CD316 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human IGSF8. AA range:451-500
<b>Specificity</b>	CD316 Polyclonal Antibody detects endogenous levels of CD316 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Immunoglobulin superfamily member 8
<b>Gene Name</b>	IGSF8
<b>Cellular localization</b>	Cell membrane ; Single-pass membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	65kD
<b>Human Gene ID</b>	93185
<b>Human Swiss-Prot Number</b>	Q969P0
<b>Alternative Names</b>	IGSF8; CD81P3; EW12; KCT4; Immunoglobulin superfamily member 8; IgSF8; CD81 partner 3; Glu-Trp-Ile EWI motif-containing protein 2; EWI-2; Keratinocytes-associated transmembrane protein 4; KCT-4; LIR-D1; Prostaglandin regulatory-like protein; PGRL; CD316
<b>Background</b>	This gene encodes a member the EWI subfamily of the immunoglobulin protein superfamily. Members





of this family contain a single transmembrane domain, an EWI (Glu-Trp-Ile)-motif and a variable number of immunoglobulin domains. This protein interacts with the tetraspanins CD81 and CD9 and may regulate their role in certain cellular functions including cell migration and viral infection. The encoded protein may also function as a tumor suppressor by inhibiting the proliferation of certain cancers. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011],



Western Blot analysis of NIH-3T3 cells using CD316 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

