



## Rabbit Anti-IGSF12 antibody

SL9202R

<b>Product Name:</b>	IGSF12
<b>Chinese Name:</b>	免疫球蛋白超家族成员12抗体
<b>Alias:</b>	IGSF12; CD300 antigen-like family member A; CD300a; CD300a molecule; CLM-8; CLM8_HUMAN; CMRF 35 H9; CMRF-35-H9; CMRF35-H; CMRF35-H9; CMRF35-like molecule 8; CMRF35H leukocyte immunoglobulin like receptor; CMRF35H9; IgSF12; Immunoglobulin superfamily member 12; Inhibitory receptor protein 60; IRC1; IRC1/IRC2; IRC2; IRp60; Leukocyte membrane antigen; Mast cell derived paired immunoglobulin like receptor 1; NK inhibitory receptor; Polymeric immunoglobulin receptor 4.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	31kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IGSF12/CD300:41-140/299<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>

**Product Detail:**

Inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation.

**Function:**

Inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation.

**Subunit:**

Upon tyrosine-phosphorylation, interacts with PTN6/SHP-1 and PTPN11/SHP-2 and INPP5D.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein (Potential).

**Tissue Specificity:**

Expressed not only by natural killer (NK) cells but also by T-cell subsets, B-cells, dendritic cells, mast cells, granulocytes and monocytes.

**Post-translational modifications:**

Phosphorylated on tyrosine.

**Similarity:**

Belongs to the CD300 family.  
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**SWISS:**

Q9UGN4

**Gene ID:**

11314

**Database links:**

[Entrez Gene: 11314](#)Human

[Omid: 606790](#)Human

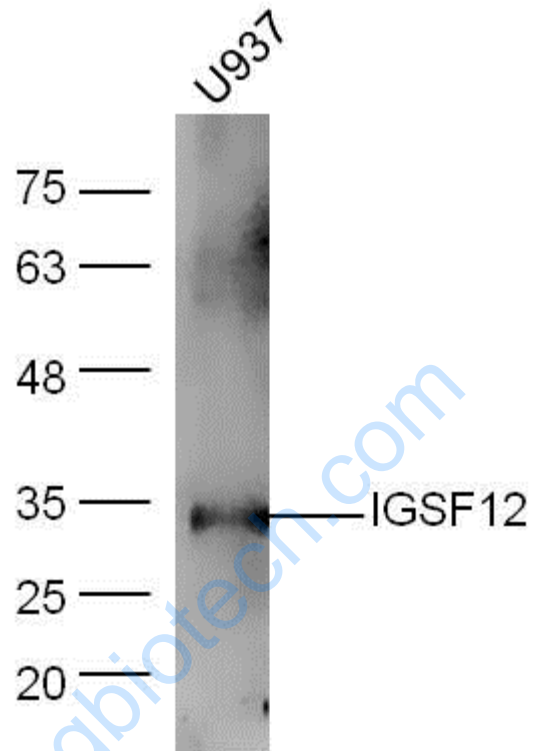
[SwissProt: Q9UGN4](#)Human

[Unigene: 9688](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample: U937 Cell (Human) Lysate at 40 ug

Primary: Anti-IGSF12 (SL9202R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kD

Observed band size: 33 kD