

For Research Use Only

# IGSF8/CD316 Recombinant monoclonal antibody

Catalog Number: 86341-3-RR



## Basic Information

<b>Catalog Number:</b> 86341-3-RR	<b>GenBank Accession Number:</b> NM_052868.6	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 93185	<b>CloneNo.:</b> 243019B10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q969PO-1	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> immunoglobulin superfamily, member 8	
<b>Immunogen Catalog Number:</b> EG2664	<b>Calculated MW:</b> 65 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, SH-SY5Y cells, DU 145 cells
<b>Species Specificity:</b> human	

## Background Information

IGSF8 is also known as CD316, PGRL (PG regulatory-like protein), KAI/CD82-associated surface molecule, and CD81-binding partner 3 (CD81P3). IGSF8 contains four immunoglobulin domains, a transmembrane region, and a short cytoplasmic tail that does not bear any signature motif for signal transduction. IGSF8 is abundantly expressed in olfactory sensory neuron (OSN) axons and their developing synapses. (PMID: 17785435, PMID: 22687584)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

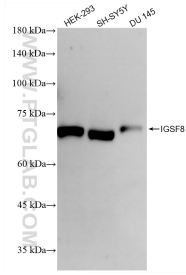
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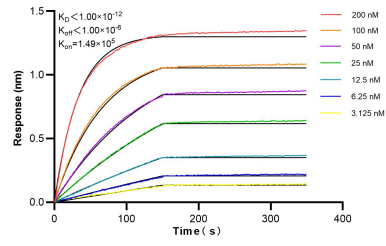
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86341-3-RR (IGSF8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86341-3-RR against Human IGSF8/CD316 were performed. The affinity constant is below 1 pM.