

For Research Use Only

IGSF8/CD316 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86341-3-PBS



Basic Information

Catalog Number: 86341-3-PBS	GenBank Accession Number: NM_052868.6	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 93185	CloneNo.: 243019B10
Source: Rabbit	UNIPROT ID: Q969P0-1	
Isotype: IgG	Full Name: immunoglobulin superfamily, member 8	
Immunogen Catalog Number: EG2664	Calculated MW: 65 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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 -80°C.

Storage Buffer:
PBS only, pH7.3

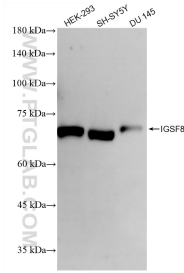
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

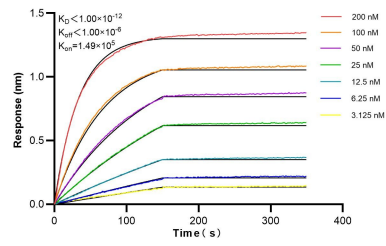
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 86341-3-PBS in a different storage buffer formulation.



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