

For Research Use Only

IGSF8/CD316 Recombinant monoclonal antibody

Catalog Number: 86341-3-RR



Basic Information

Catalog Number:

86341-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2664

GenBank Accession Number:

NM_052868.6

GeneID (NCBI):

93185

UNIPROT ID:

Q969P0-1

Full Name:

immunoglobulin superfamily,
member 8

Calculated MW:

65 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

243019B10

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, SH-SY5Y cells, DU 145 cells

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

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

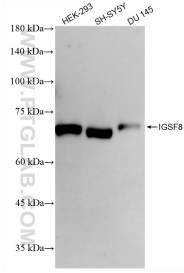
T: 4006900926

E: Proteintech-CN@ptglab.com

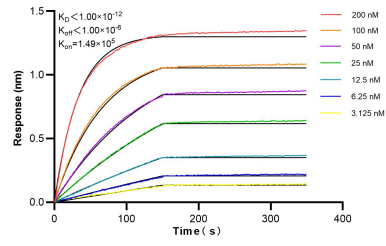
W: ptgcn.com

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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.