

For Research Use Only

CD316/IGSF8 Recombinant monoclonal antibody

Catalog Number: 87310-1-RR



Basic Information

Catalog Number: 87310-1-RR	GenBank Accession Number: AF439263.1	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 140559	CloneNo.: 252500B3
Isotype: IgG	UNIPROT ID: Q8R366	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG6320	Full Name: immunoglobulin superfamily, member 8	
	Calculated MW: 65 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : mouse brain tissue, rat brain tissue, mouse cerebellum tissue, rat cerebellum tissue
	IF/ICC : Neuro-2a 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 neurons (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:

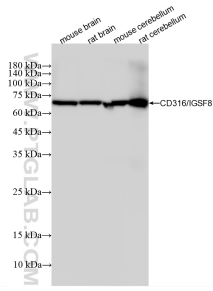
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E: Proteintech-CN@ptglab.com

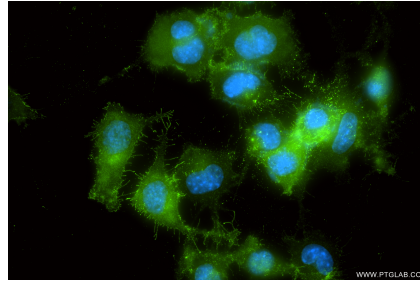
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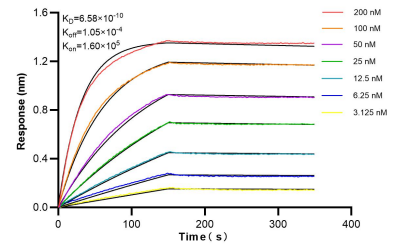
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87310-1-RR (CD316/IGSF8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using CD316/IGSF8 antibody (87310-1-RR, Clone: 252500B3) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biacore kinetic assays of 87310-1-RR against Mouse CD316/IGSF8 were performed. The affinity constant is 0.658 nM.