

For Research Use Only

CD316/IGSF8 Recombinant monoclonal antibody

Catalog Number: 87310-1-RR



Basic Information

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|--|---|---|
| Catalog Number: 87310-1-RR | GenBank Accession Number: AF439263.1 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 140559 | CloneNo.: 252500B3 |
| Source: Rabbit | UNIPROT ID: Q8R366 | Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500 |
| Isotype: IgG | Full Name: immunoglobulin superfamily, member 8 | |
| Immunogen Catalog Number: EG6320 | Calculated MW: 65 kDa | |
| | Observed MW: 70 kDa | |

Applications

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| 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

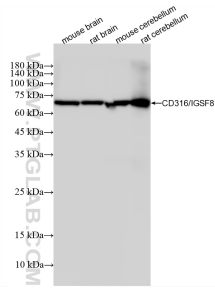
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

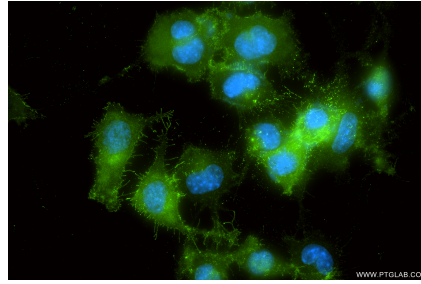
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

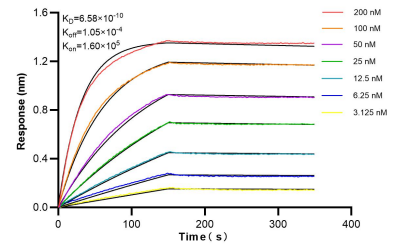
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).



Biolayer interferometry (BLI) kinetic assays of 87310-1-RR against Mouse CD316/IGSF8 were performed. The affinity constant is 0.658 nM.