

For Research Use Only

IgJ Recombinant monoclonal antibody

Catalog Number: 86939-1-RR



Basic Information

Catalog Number: 86939-1-RR	GenBank Accession Number: BC038982	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3512	CloneNo.: 251691G5
Source: Rabbit	UNIPROT ID: P01591	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides	
Immunogen Catalog Number: AG4559	Calculated MW: 158 aa, 18 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Daudi cells, Raji cells, Ramos cells, human plasma IF/ICC : Ramos cells,

Background Information

IgJ, the immunoglobulin J chain, serves to link two monomer units of either IgM or IgA.

Storage

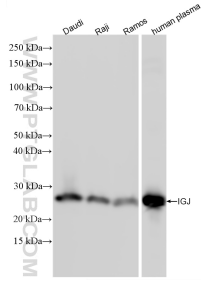
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

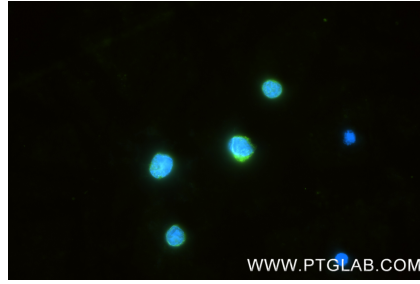
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

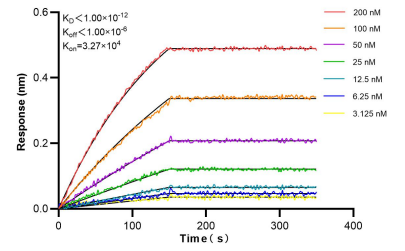
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86939-1-RR (IGJ antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Ramos cells using IGJ antibody (86939-1-RR, Clone: 251691G5) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bi-layer interferometry (BLI) kinetic assays of 86939-1-RR against Human IGJ were performed. The affinity constant is below 1 pM.