

For Research Use Only

GBP3 Recombinant antibody

Catalog Number: 83534-1-RR



Basic Information

Catalog Number: 83534-1-RR	GenBank Accession Number: BC140837	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2635	CloneNo.: 230178D8
Source: Rabbit	UNIPROT ID: Q9HOR5	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: guanylate binding protein 3	
Immunogen Catalog Number: AG33889	Observed MW: 62 kDa, 68 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : K-562 cells, HeLa cells, Jurkat cells, HUVEC cells, U-251 cells
Species Specificity: human	

Background Information

Guanylate-binding protein 3 (GBP3) is involved in the proliferation of glioma cells through regulating SQSTM1-ERK1/2 pathway. GBP3 has 2 isoforms, one is 595 amino acids long at 68 kDa and the other is at nearly 62 kDa.

Storage

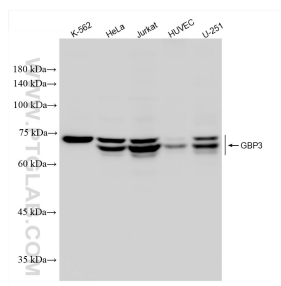
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

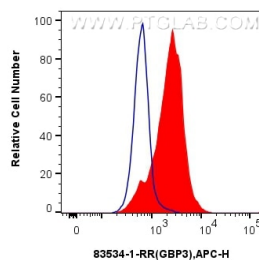
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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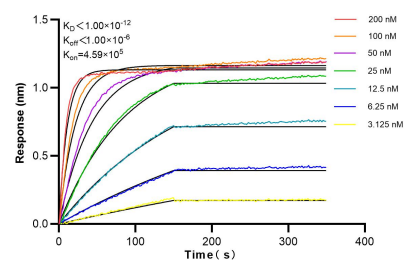
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83534-1-RR (GBP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1x10⁶ HT-29 cells were intracellularly stained with 0.25 ug Gbp3 Recombinant Antibody (83534-1-RR, Clone:230178D8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83534-1-RR against Human GBP3 were performed. The affinity constant is below 1 pM.