

For Research Use Only

GBP4 Recombinant antibody

Catalog Number: 83699-2-RR



Basic Information

Catalog Number: 83699-2-RR	GenBank Accession Number: BC070055	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 115361	CloneNo.: 240730F11
Source: Rabbit	UNIPROT ID: Q96PP9	Recommended Dilutions: IF/ICC 1:125-1:500
Isotype: IgG	Full Name: guanylate binding protein 4	
Immunogen Catalog Number: AG12006	Calculated MW: 640 aa, 73 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

Guanylate-binding protein 4 (GBP4) is an IFN-inducible GTPase that belongs to the GB1/RHD3 GTPase family. GBP4 plays important roles in innate immunity against a diverse range of bacterial, viral and protozoan pathogens. GBP4 negatively regulates the antiviral response by inhibiting activation of IRF7 transcription factor.

Storage

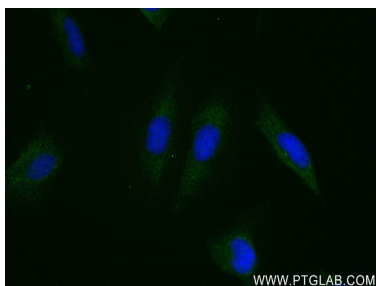
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1%BSA

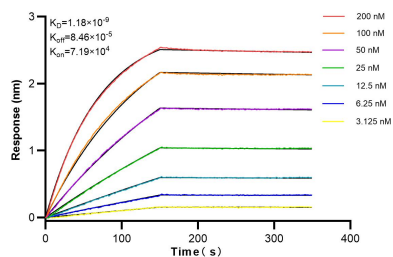
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using GBP4 antibody (83699-2-RR, Clone: 240730F11) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83699-2-RR against Human GBP4 were performed. The affinity constant is 1.18 nM.