

For Research Use Only

GBP3 Recombinant antibody

Catalog Number: 83534-1-RR



Basic Information

Catalog Number:

83534-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33889

GenBank Accession Number:

BC140837

GeneID (NCBI):

2635

UNIPROT ID:

Q9HOR5

Full Name:

guanylate binding protein 3

Observed MW:

62 kDa, 68 kDa

Purification Method:

Protein A purification

CloneNo.:

230178D8

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, HeLa cells, Jurkat cells, HUVEC cells, U-251 cells

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

For technical support and original validation data for this product please contact:

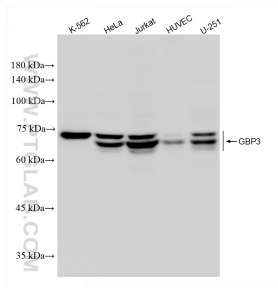
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E: Proteintech-CN@ptglab.com

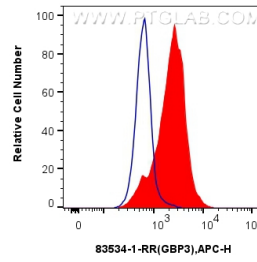
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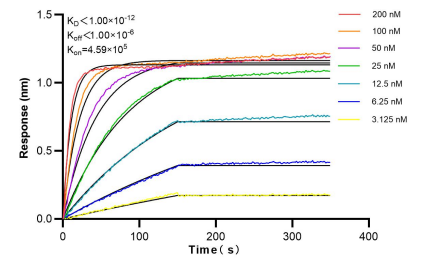
Selected Validation Data



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



1×10^6 HT-29 cells were intracellularly stained with 0.25 μ g Gbp3 Recombinant Antibody (83534-1-RR, Clone:230178D8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bioluminescence resonance energy transfer (BRET) kinetic assays of 83534-1-RR against Human GBP3 were performed. The affinity constant is below 1 pM.