

For Research Use Only

CoraLite® Plus 488-conjugated GBP4 Recombinant antibody

Catalog Number:CL488-83699-2



Basic Information

Catalog Number: CL488-83699-2	GenBank Accession Number: BC070055	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 115361	CloneNo.: 240730F11
Source: Rabbit	UNIPROT ID: Q96PP9	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: guanylate binding protein 4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG12006	Calculated MW: 640 aa, 73 kDa	

Applications

Tested Applications: IF/ICC	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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

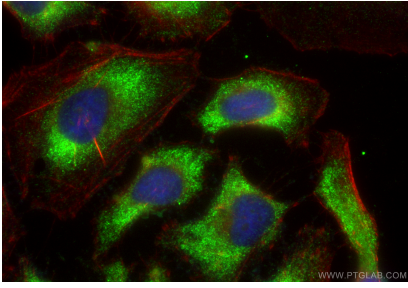
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 GBP4 antibody (CL488-83699-2, Clone: 240730F11) at dilution of 1:200, CL594-Phalloidin (red).