

PRG2 Antibody

Catalog No: #32697

Package Size: #32697-1 50ul #32697-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

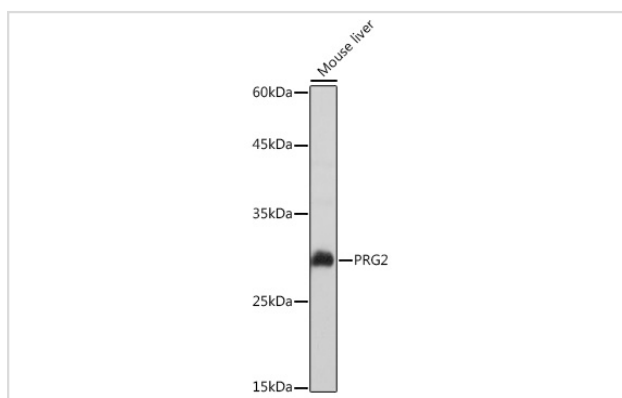
Description

Product Name	PRG2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PRG2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human PRG2 (NP_002719.3).
Target Name	PRG2
Other Names	PRG2;BMPG;MBP;MBP1;proMBP
Accession No.	Uniprot:P13727GenelD:5553
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GenelD	5553
SDS-PAGE MW	33KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

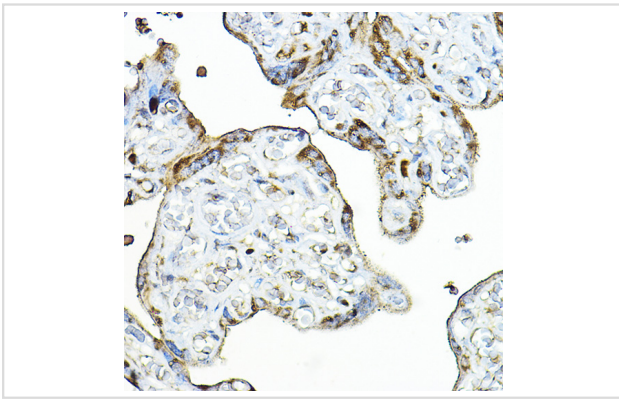
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

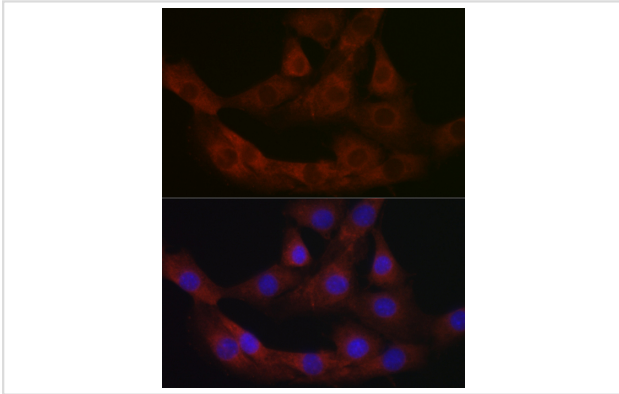
Images



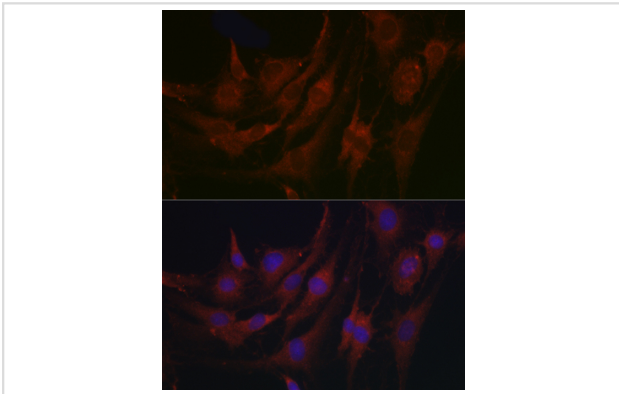
Western blot analysis of extracts of Mouse liver, using PRG2 antibody.



Immunohistochemistry of paraffin-embedded human placenta using PRG2 Rabbit pAb.



Immunofluorescence analysis of NIH/3T3 cells using PRG2 Rabbit pAb.



Immunofluorescence analysis of C6 cells using PRG2 Rabbit pAb.

Background

The protein encoded by this gene is the predominant constituent of the crystalline core of the eosinophil granule. High levels of the proform of this protein are also present in placenta and pregnancy serum, where it exists as a complex with several other proteins including pregnancy-associated plasma protein A (PAPPA), angiotensinogen (AGT), and C3dg. This protein may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin, and in immune hypersensitivity reactions. The encoded protein contains a peptide that displays potent antimicrobial activity against Gram-positive bacteria, Gram-negative bacteria, and fungi. It is directly implicated in epithelial cell damage, exfoliation, and bronchospasm in allergic diseases. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only