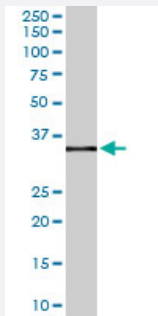


FCGR2B polyclonal antibody

Catalog # PAB6767

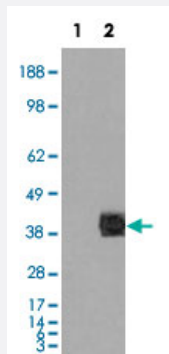
Size 100 ug

Applications



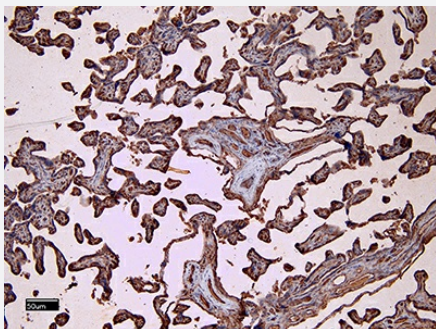
Western Blot (Cell lysate)

FCGR2B polyclonal antibody (Cat # PAB6767) (0.3 ug/mL) staining of K-562 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot (Transfected lysate)

HEK293 overexpressing FCGR2B and probed with FCGR2B polyclonal antibody (Cat # PAB6767) (mock transfection in first lane), tested by Origene.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

FCGR2B polyclonal antibody (Cat # PAB6767) (8 ug/mL) staining of paraffin embedded Human Placenta. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description

Goat polyclonal antibody raised against synthetic peptide of FCGR2B.

Immunogen	A synthetic peptide corresponding to C-terminus of human FCGR2B.
Sequence	C-PDALEEPDDQNRI
Host	Goat
Theoretical MW (kDa)	34
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (0.3-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (6-8 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

FCGR2B polyclonal antibody (Cat # PAB6767) (0.3 ug/mL) staining of K-562 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Western Blot (Transfected lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — FCGR2B

Entrez GeneID	2213
Protein Accession#	NP_003992.3;NP_001002273.1;NP_001002274.1;NP_001002275.1;NP_001177757.1
Gene Name	FCGR2B
Gene Alias	CD32, CD32B, FCG2, FCGR2, IGFR2
Gene Description	Fc fragment of IgG, low affinity IIb, receptor (CD32)
Omim ID	152700 604590 611162
Gene Ontology	Hyperlink
Gene Summary	low affinity IIb
Other Designations	Fc fragment of IgG, low affinity II, receptor for (CD32) Fc fragment of IgG, low affinity IIb, receptor f or (CD32) Fc gamma RIb OTTHUMP00000032379

Publication Reference

- [Restoration of tolerance in lupus by targeted inhibitory receptor expression.](#)

McGaha TL, Sorrentino B, Ravetch JV.

Science 2005 Jan; 307(5709):590.

Application: Flow Cyt, Mouse , Mouse B cells

Pathway

- [B cell receptor signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Systemic lupus erythematosus](#)

Disease

- [Anti-Glomerular Basement Membrane Disease](#)
- [Arthritis](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Chronic Periodontitis](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hepatitis](#)
- [Lichen Planus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Malaria](#)
- [Meningococcal Infections](#)
- [Pemphigoid](#)
- [Periapical Periodontitis](#)
- [Periodontitis](#)
- [Pneumococcal Infections](#)
- [Purpura](#)
- [Recurrence](#)
- [Thrombocytopenia](#)
- [Vasculitis](#)