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FCGR2C Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8992b

Product Information

Application	WB, IHC-P, E
Primary Accession	P31995
Other Accession	P12318
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB23550
Calculated MW	35578
Antigen Region	281-307

Additional Information

Gene ID	9103
Other Names	Low affinity immunoglobulin gamma Fc region receptor II-c, IgG Fc receptor II-c, CDw32, Fc-gamma RII-c, Fc-gamma-RIIc, FcRII-c, CD32, FCGR2C, CD32, FCG2, IGFR2
Target/Specificity	This FCGR2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-307 amino acids from the C-terminal region of human FCGR2C.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FCGR2C Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FCGR2C
Synonyms	CD32, FCG2, IGFR2

Function	Receptor for the Fc region of complexed immunoglobulins gamma. Low affinity receptor. Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells.
Cellular Location	[Isoform IIC4]: Cytoplasm. [Isoform IIC2]: Cell membrane; Single-pass type I membrane protein
Tissue Location	Isoform IIC1 is detected in monocytes, macrophages, polymorphonuclear cells and natural killer cells

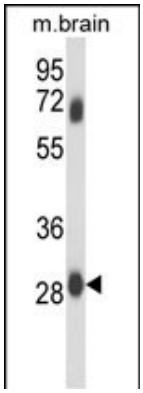
Background

FCGR2C is the receptor for the Fc region of complexed immunoglobulins gamma. Low affinity receptor. It is involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells.

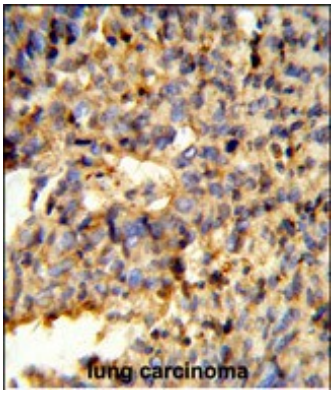
References

Metes D., et.al., Blood 91:2369-2380(1998).
Stuart S.G.,et.al., EMBO J. 8:3657-3666(1989).

Images



Western blot analysis of FCGR2C Antibody (C-term) (Cat. #AP8992b) in mouse brain tissue lysates (35ug/lane).FCGR2C (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with FCGR2C Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Citations

- Live simian immunodeficiency virus vaccine correlate of protection: immune complex-inhibitory Fc receptor interactions that reduce target cell availability.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.