Anti-FCGR2 [2ZC115]

Catalogue number: 151358
Sub-type:
Images:

Contributor

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Institute: University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-FCGR2 [2ZC115]

Alternate name: Fc Fragment Of IgG Receptor IIb; IgG Fc Receptor II-B; Fc-Gamma-RIIb; FcRII-B; CDw32; IGFR2; FCG2; CD32; FCGR2; CD32B

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Class: Monoclonal
Conjugate: Unconjugated
Description: Human Fc gamma receptor II (CD32) exists in at least six isoforms originating from three different genes (Fc gamma RII A, B, and C). The CD32 molecule is a low affinity receptor for immune complexed IgG and has signal-transducing capabilities involved with humoral and cell-mediated immune responses. It is expressed by Monocytes, granulocytes, B cells, eosinophils.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Hairy cell leukaemia cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Fc gamma Recptor II (FCGR2, CD32)

Target alternate names:

Target background: Human Fc gamma receptor II (CD32) exists in at least six isoforms originating from three different genes (Fc gamma RII A, B, and C). The CD32 molecule is a low affinity receptor for immune complexed IgG and has signal-transducing capabilities involved with humoral and cell-mediated immune responses. It is expressed by Monocytes, granulocytes, B cells, eosinophils.

Molecular weight:

Ic50:

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Applications

Application: IHC
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: RPMI 1640 + 10% FCS + penicillin (100U/ml) + streptomycin (100mg/l) + glutamine (2mM) + HAT
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Muller WA, Kishimoto T, et al (eds) 1997. Leucocyte Typing VI, Garland Publishing Inc., New York and London, p 362-364. ISBN-13: 978-0815327455 ; Thomson et al. 2018. Methods Mol Biol. 1846:153-160. PMID: 30242758. ; Ceasrine et al. 2018. Elife. 7:. PMID: 30303066. ; Frye et al. 2018. Nat Commun. 9(1):1511. PMID: 29666442. ; Fujita et al. 2017. PLoS One. 12(9):e0184534. PMID: 28886194. ; Tissue factor-bearing microparticles and CA19.9: two players in pancreatic cancer-associated thrombosis? ; Woei-A-Jin et al. 2016. Br J Cancer. :. PMID: 27404454. ; Tsuneki et al. 2015. Lab Invest. :. PMID: 25961170. ; A hydrogel-endothelial cell implant mimics infantile hemangioma: modulation by survivin and the Hippo pathway. ; Zhao et al. 2013. Cancer Res. 73(20):6149-63. PMID: 24097821. ; Novel modeling of cancer cell signaling pathways enables systematic drug repositioning for distinct breast cancer metastases. ; Ding et al. 2013. PLoS One. 8(5):e63628. PMID: 23675495. ; HIF-1a transgenic bone marrow cells can promote tissue repair in cases of corticosteroid-induced osteonecrosis of the femoral head in rabbits. ; Orecchia et al. 2011. PLoS One. 6(9):e24307. PMID: 21931678. ; Sirtinol treatment reduces inflammation in human dermal microvascular endothelial cells. ; Parums et al. 1990. J Clin Pathol. 43(9):752-7. PMID: 2212067. ; JC70: a new monoclonal antibody that detects vascular endothelium associated antigen on routinely processed tissue sections.

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