

Anti-FCER2 [BU38]

Catalogue number: 151430

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-FCER2 [BU38]

Alternate name: Fc Fragment Of IgE Receptor II; Immunoglobulin E-Binding Factor; Lymphocyte IgE Receptor; Fc Epsilon Receptor II; CD23 Antigen; BLAST-2; CLEC4J; IGEBF; FCE2; C-Type Lectin Domain Family 4; Member; Immunoglobulin Epsilon-Chain; CD23

Class: Monoclonal

Conjugate: Unconjugated

Description: Fc epsilon RII (CD23), a low-affinity IgE receptor, is widely expressed on the surface of a number of cell types. Fc epsilon RII mediates numerous IgE-related immune responses. Both membrane and soluble Fc epsilon RII play important roles in allergic responses.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Full length native CD23 of human origin

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Follicular lymphoma or tonsil (mantle cell lymphomas are negative)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Fc epsilon RII (FCER2, CD23)

Target alternate names:

Target background: Fc epsilon RII (CD23), a low-affinity IgE receptor, is widely expressed on the surface of a number of cell types. Fc epsilon RII mediates numerous IgE-related immune responses. Both membrane and soluble Fc epsilon RII play important roles in allergic responses.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Bortolotti et al. 2016. *Toxins* (Basel). 8(6):. PMID: 27338475. ; High in Vitro Anti-Tumor Efficacy of Dimeric Rituximab/Saporin-S6 Immunotoxin. ; Flavell et al. 2006. *Br J Haematol*. 134(2):157-70. PMID: 16771848. ; The anti-CD20 antibody rituximab augments the immunospecific therapeutic effectiveness of an anti-CD19 immunotoxin directed against human B-cell lymphoma. ; Behr et al. 1995. *J Exp Med*. 182(5):1191-9. PMID: 7595190. ; Engaging CD19 or target of an antiproliferative antibody 1 on human B lymphocytes induces binding of B cells to the interfollicular stroma of human tonsils via integrin alpha 4/beta 1 and fibronectin. ; Schlossman SF. et al. 1995. *Leucocyte Typing V*. Oxford University Press ; Callard et al. 1992. *J Immunol*. 148(10):2983-7. PMID: 1374445. ; CD19 regulation of human B cell responses. B cell proliferation and antibody secretion are inhibited or enhanced by ligation of the CD19 surface glycoprotein depending on the stimulating signal used.

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