

Anti-CD11C [118/A5] mAb

Catalogue number: 151790

Sub-type:

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD11C [118/A5] mAb

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: The integrin alpha X chain protein (CD11c) belongs to the α 2 integrin subfamily. Integrins are cell surface receptors composed of a heterodimer containing an α and β subunit. CD11c (the α subunit) combines with CD18 (the β subunit) to form the leukocyte specific integrin inactivated-C3b receptor 41,2. CD11c is known to be expressed on monocytes/macrophages, granulocytes, activated B cells, in spleen and in bone marrow.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide conjugated to KLH corresponding to the C terminus of human CD11C: ANGQIAPENGQTTPSPPEK

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Human tonsil

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD11C, Integrin, alpha X (complement component 3 receptor 4 subunit). ITGAX

Target alternate names:

Target background: The integrin alpha X chain protein (CD11c) belongs to the $\alpha_X\beta_2$ integrin subfamily. Integrins are cell surface receptors composed of a heterodimer containing an α and β subunit. CD11c (the α subunit) combines with CD18 (the β subunit) to form the leukocyte specific integrin inactivated-C3b receptor 41,2. CD11c is known to be expressed on monocytes/macrophages, granulocytes, activated B cells, in spleen and in bone marrow.

Molecular weight:

Ic50:

Applications

Application: IHC

Application notes:

Handling

Format: Liquid

Concentration: 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: Borowiec et al. 2009. Proc Natl Acad Sci U S A. 106(34):14460-5. PMID: 19667185. ; Mutations at the BLK locus linked to maturity onset diabetes of the young and beta-cell dysfunction. ; Wasserman et al. 1995. J Immunol. 155(2):644-51. PMID: 7608542. ; Differential expression of the blk and ret tyrosine kinases during B lineage development is dependent on Ig rearrangement. ; Islam et al. 1995. J Immunol. 154(3):1265-72. PMID: 7822795. ; Molecular cloning, characterization, and chromosomal localization of a human lymphoid tyrosine kinase related to murine Blk. ; Yao et al. 1993. Proc Natl Acad Sci U S A. 90(17):7946-50. PMID: 7690139. ; Antisense oligodeoxynucleotides to the blk tyrosine kinase prevent anti-mu-chain-mediated growth inhibition and apoptosis in a B-cell lymphoma.

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