

Anti-CD9 [P1/33/2] rAb

Catalogue number: 154820

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: Absolute Antibody; University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD9 [P1/33/2] rAb

Alternate name: CD9 Molecule; Cell Growth-Inhibiting Gene 2 Protein; Motility Related Protein-1; Leukocyte Antigen MIC3; CD9 Antigen (P24); Tetraspanin-29; 5H9 Antigen; TSPAN29; MRP-1

Class: Recombinant

Conjugate: Unconjugated

Description: CD9 antigen is a glycoprotein expressed on the surface of developing B lymphocytes, platelets, monocytes, eosinophils, basophil, stimulated T lymphocytes and neurons and glial cells in the peripheral nervous system. CD9 mediates platelet aggregation and activation via FcγRIIa. It may play a role in cell migration. Antibodies against CD9 have utility in characterisation of acute leukaemias and in some cases AML and for functional studies on platelets

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Acute lymphoblastic leukaemia cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD9

Target alternate names:

Target background: CD9 antigen is a glycoprotein expressed on the surface of developing B lymphocytes, platelets, monocytes, eosinophils, basophil, stimulated T lymphocytes and neurons and glial cells in the peripheral nervous system. CD9 mediates platelet aggregation and activation via FcγRIIIa. It may play a role in cell migration. Antibodies against CD9 have utility in characterisation of acute leukaemias and in some cases AML and for Fn studies on platelets

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: A role for lysosomal-associated protein transmembrane 5 in the negative regulation of surface B cell receptor levels and B cell activation. ; Broad feedback inhibition of pre-B-cell receptor signaling components. ; Brouns et al. 1993. Eur J Immunol. 23(5):1088-97. PMID: 8477803. ; Detection of T and B cells in many animal species using cross-reactive anti-peptide antibodies. ; Evidence for a direct physical interaction of membrane IgM, IgD, and IgG with the B29 gene product. ; Hauser et al. 2013. Mol Immunol. 54(3-4):247-53. PMID: 23318223. ; Jones et al. 1993. J Immunol. 150(12):5429-35. PMID: 8515069. ; Lankester et al. 1994. J Immunol. 152(5):2157-62. PMID: 8133032. ; Mason et al. 1992. Eur J Immunol. 22(10):2753-6. PMID: 1396979. ; Ouchida et al. 2010. J Immunol. 185(1):294-301. PMID: 20519653. ; The B29 and mb-1 polypeptides are differentially expressed during human B cell differentiation. ; The structure of the mu/pseudo light chain complex on human pre-B cells is consistent with a function in signal transduction.

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