

Anti-SIGLEC3 [CD33 3D6]

Catalogue number: 151219

Sub-type: Primary antibody

Images:

Contributor

Inventor: Paul Crocker

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-SIGLEC3 [CD33 3D6]

Alternate name: Sialic Acid Binding Ig Like Lectin 12; SIGLECL1; SLG 3; Siglec-12; Siglec-L1; S2V

Class: Monoclonal

Conjugate: Unconjugated

Description: The siglecs are a family of membrane bound lectins (of the immunoglobulin superfamily) that bind sialic acid and mediate cell-cell interactions. Family members include sialoadhesin, CD22 and CD33. CD33 is found on granulocyte and macrophage precursors in the bone marrow, but not on pluripotent stem cells. CD33 is also expressed on, and a useful marker for, peripheral monocytes. CD33 is also useful for distinguishing myelogenous leukaemia cells from lymphoid or erythroid leukaemias.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: CD33-Fc recombinant protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: CD33 transfected COS cells

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: SIGLEC3 (CD33)

Target alternate names:

Target background: The siglecs are a family of membrane bound lectins (of the immunoglobulin superfamily) that bind sialic acid and mediate cell-cell interactions. Family members include sialoadhesin, CD22 and CD33. CD33 is found on granulocyte and macrophage precursors in the bone marrow, but not on pluripotent stem cells. CD33 is also expressed on, and a useful marker for, peripheral monocytes. CD33 is also useful for distinguishing myelogenous leukaemia cells from lymphoid or erythroid leukaemias.

Molecular weight:

Ic50:

Applications

Application: ELISA

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

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Related tools:

References

References: McDowall et al. 2003. J Clin Invest. 111(1):51-60. PMID: 12511588. ; A novel form of integrin dysfunction involving beta1, beta2, and beta3 integrins. ; Leitinger et al. 2002. J Cell Sci. 115(Pt 5):963-72. PMID: 11870215. ; The involvement of lipid rafts in the regulation of integrin function.

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