

Anti-SIGLEC1 [HSn 7D2]

Catalogue number: 151199

Sub-type: Primary antibody

Images:

Contributor

Inventor: Paul Crocker

Institute: University of Dundee

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-SIGLEC1 [HSn 7D2]

Alternate name: CD169, Sialoadhesin 1

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. Sialoadhesin is a macrophage-specific cell adhesion molecule that is expressed on activated macrophages in chronic inflammation and in tumours.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Fc fusion protein containing N-terminal 4 domains of human sialoadhesin.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Human spleen (IHC), human peripheral blood monocytes (FACS) or MCF7

cells (IF)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Sialoadhesin domains 1-4 (SIGLEC1)

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. Sialoadhesin is a macrophage-specific cell adhesion molecule that is expressed on activated macrophages in chronic inflammation and in tumours.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; RIA ; WB

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: Andr et al. 2008. J Biol Chem. 283(43):29375-84. PMID: 18694926. ; Identification of an alternative mechanism of degradation of the hypoxia-inducible factor-1alpha. ; Wiesener et al. 1998. Blood. 92(7):2260-8. PMID: 9746763. ; Induction of endothelial PAS domain protein-1 by hypoxia: characterization and comparison with hypoxia-inducible factor-1alpha.

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