

Anti-LewisX [28]

Catalogue number: 151041

Sub-type: Primary antibody

Images:

Contributor

Inventor: Nancy Hogg

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LewisX [28]

Alternate name: Fucosyltransferase 4; Galactoside 3-L-Fucosyltransferase; ELAM-1 Ligand Fucosyltransferase; FUC-TIV; FCT3A; ELFT; Stage-Specific Embryonic Antigen; Alpha (1,3) Fucosyltransferase; EC 2.4.1.65; Lewis X; SSEA-1; FUTIV; CD15; LeX

Class: Monoclonal

Conjugate: Unconjugated

Description: Lewis X (CD15) is a branched pentasaccharide found on neutrophils, eosinophils and monocytes. Lewis X is distributed abnormally in myeloid leukaemias and is commonly used in the diagnosis of Hodgkin's disease. It can also be used for analysis of myeloid leukaemias and studies of myeloid differentiation.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Monocytes, separated from other peripheral blood leucocytes (PBL) on fibronectin plates.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Tonsil

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Lewis X (CD15)

Target alternate names:

Target background: Lewis X (CD15) is a branched pentasaccharide found on neutrophils, eosinophils and monocytes. Lewis X is distributed abnormally in myeloid leukaemias and is commonly used in the diagnosis of Hodgkin's disease. It can also be used for analysis of myeloid leukaemias and studies of myeloid differentiation.

Molecular weight: 83 kDa

Ic50:

Applications

Application: IHC ; IP ; FACS ; IHC ; IP

Application notes:

Handling

Format: Liquid

Concentration: 0.71 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -80° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Drewry et al. 2019. Nat Microbiol. 4(11):1951-1963. PMID: 31332383. ; Chen et al. 2019. Nanoscale. 11(12):5377-5394. PMID: 30849160. ; Yuan et al. 2018. Eur J Cardiothorac Surg. 53(2):400-408. PMID: 28950359. ; Laufer et al. 2018. Front Immunol. 9:3115. PMID: 30692994. ; Manwani et al. 2015. Am J Hematol. 90(5):381-5. PMID: 25616042. ; Chen et al. 2010. Proc Natl Acad Sci U S A. 107(33):14727-32. PMID: 20679211. ; Requirement of open headpiece conformation for activation of leukocyte integrin α X β 2. ; Stanley et al. 2008. EMBO J. 27(1):62-75. PMID: 18079697. ; Intermediate-affinity LFA-1 binds α -actinin-1 to control migration at the leading edge of the T cell. ; Smith et al. 2005. J Cell Biol. 170(1):141-51. PMID: 15983060. ; A talin-dependent LFA-1 focal zone is formed by rapidly migrating T lymphocytes. ; McDowall et al. 2003. J Clin Invest. 111(1):51-60. PMID: 12511588. ; A novel form of integrin dysfunction involving β 1, β 2, and β 3 integrins. ; Hogg et al. 1985. Cell Immunol. 92(2):247-53. PMID: 2581704. ; An anti-human monocyte/macrophage monoclonal antibody, reacting most strongly with macrophages in lymphoid tissue.

CancerTools.org