

Anti-LewisX [29]

Catalogue number: 151042

Sub-type: Primary antibody

Images: https://res.cloudinary.com/ximbio/image/upload/c_fit/347122e2-50d9-4d93-bab4-73dbe3137cdc.jpg

Contributor

Inventor: Nancy Hogg

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

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Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LewisX [29]

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: Monoclonal antibody directed at against Lewis X antigen, with use in differentiating between leukaemia's and aids in the purification of stem cells.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Fibronectin purified human monocytes .

Immunogen UNIPROT ID: P22083

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

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 glycolipids, glycoproteins and proteoglycans of cells of gastric mucosa, nervous system, neutrophils, eosinophils, and monocytes. Lewis X is distributed abnormally in myeloid leukaemia's and is commonly used in the diagnosis of Hodgkin's disease. Lewis X is believed to enhance cell adhesion, either directly or by promoting integrin activation. Cells with high surface expression of Lewis X antigen, display strong self-aggregation, based on calcium-dependent Lewis X-Lewis X interaction. Anti-Lewis X (29) is useful for leukaemia typing and the purification of stem cells.

Molecular weight: 83 kDa

Ic50:

Applications

Application: FACS

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: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Hogg et al. 1984. Immunology. 53(4):753-67. PMID: 6389324. ; Monoclonal antibodies specific for human monocytes, granulocytes and endothelium. ; Linch et al. 1984. Blood. 63(3):566-73. PMID: 6365201. ; Monoclonal antibodies differentiating between monocytic and nonmonocytic variants of AML.

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