

Anti-LewisA [PR 5C5] mAb

Catalogue number: 151501

Sub-type: Primary antibody

Images:

Contributor

Inventor: Walter Bodmer

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LewisA [PR 5C5] mAb

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: PR 5C5 is useful for histological diagnosis of colon disorders and has wide reactivity with bowel, small intestine, stomach and colo-rectal tumours.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Mucosal scrapings and membrane preparations from normal colorectal epithelium and possibly booster inoculations with the colon carcinoma cell line HT29.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Lewis A antigen

Target alternate names:

Target background: Lewis a antigen is expressed on colonic mucus, epithelial cells and cell membranes. Blood group related antigens represent a group of carbohydrate determinants carried on both glycolipids and glycoproteins. They are usually mucin-type, and are detected on erythrocytes, certain epithelial cells, and in secretions of certain individuals. Sixteen genetically and biosynthetically distinct but inter-related specificities belong to this group of antigens, including A, B, H, Lewis A, Lewis B, Lewis X, Lewis Y, and precursor type 1 chain antigens.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC

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: Di Fiore et al. 2015. Dev Cell. 32(3):358-72. PMID: 25669885. ; The ABBA motif binds APC/C activators and is shared by APC/C substrates and regulators. ; Sedgwick et al. 2013. EMBO J. 32(2):303-14. PMID: 23288039. ; Mechanisms controlling the temporal degradation of Nek2A and Kif18A by the APC/C-Cdc20 complex.

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