

Anti-LewisA [PR 5C5] rAb

Catalogue number: 153276

Sub-type: Primary antibody

Images:

Contributor

Inventor: Walter Bodmer

Institute: Absolute Antibody ; University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-LewisA [PR 5C5] rAb

Alternate name:

Class: Recombinant

Conjugate: Unconjugated

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

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
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Original hybridoma first published in: Bodi et al. 2010. Nucleic Acids Res. 38(16):5327-35. PMID: 20421205.

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