

Product datasheet

Anti-Blood Group Lewis a antibody [T174] ab3356

Overview

Product name	Anti-Blood Group Lewis a antibody [T174]
Description	Mouse monoclonal [T174] to Blood Group Lewis a
Host species	Mouse
Specificity	This antibody detects Lewis A (Type 1 chain) antigen and belongs to the BG-5 group of antibodies, one of a series of well-characterized murine monoclonal antibodies.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	SK-CO-10 colon cancer cell line (Human).
Positive control	Colon adenocarcinoma (human).
General notes	<p>Lewis A (type 1 chain) is expressed in colonic epithelial cells and may be useful for detection of gastrointestinal tumors, pancreatic cancer, and colorectal tumors. 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.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein G purified
Primary antibody notes	<p>Lewis A (type 1 chain) is expressed in colonic epithelial cells and may be useful for detection of gastrointestinal tumors, pancreatic cancer, and colorectal tumors. 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,</p>

Lewis Y, and precursor type 1 chain antigens.

Clonality	Monoclonal
Clone number	T174
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab3356** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/40. Antigen retrieval is not essential but may optimise staining.

Target

Relevance Lewis A (type 1 chain) is expressed in colonic epithelial cells and may be useful for detection of gastrointestinal tumors, pancreatic cancer, and colorectal tumors. 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.

Cellular localization Cytoplasmic

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