

Datasheet for ABIN120686

anti-Blood Group Lewis B antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	Blood Group Lewis B
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Blood Group Lewis B antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Mucin isolated by size exclusion chromatography from an ovarian cyst fluid (pure endocervical type according to the Fenoglio's classification)
Clone:	2-25LE
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity Chromatography on Protein A.

Target Details

Target:	Blood Group Lewis B
Abstract:	Blood Group Lewis B Products

Target Details

Background:	Blood group antigens are generally defined as molecules formed by sequential addition of saccharides to the carbohydrate side chains of lipids and proteins detected on erythrocytes and certain epithelial cells. The A, B and H antigens are reported to undergo modulation during malignant cellular transformation. 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. Synonyms: Blood Group Antigen Lewis b
-------------	---

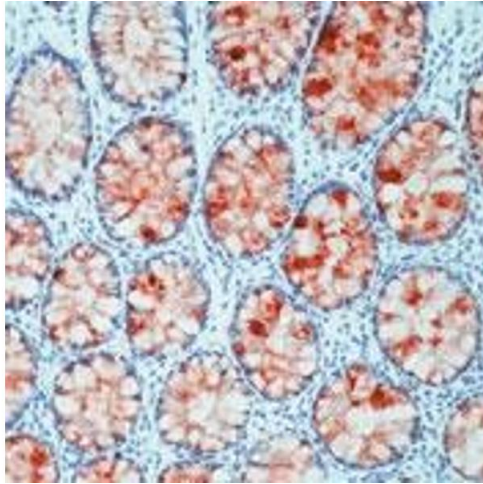
Application Details

Application Notes:	Immunohistochemistry: 2-4 µg/mL for 30 min at RT. Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min. followed by cooling at RT for 20 min. Use human colon CA for positive control. Western blot. ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
--------------------	---

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, with 15 mM Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for 6 months. For long-term storage aliquot and store at -20 °C. Avoid freeze/thaw cycles. Shelf Life: one year from despatch.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human colon stained with Lewis B Ab using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of epithelial cells.