

Anti-Blood Group Lewis a antibody [7LE] ab3967

★★★★★ [3 Abreviews](#) [9 References](#)

Overview

Product name	Anti-Blood Group Lewis a antibody [7LE]
Description	Mouse monoclonal [7LE] to Blood Group Lewis a
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Full length native protein (purified) corresponding to Human Blood Group Lewis a. Mucin isolated by size-exclusion chromatography from an ovarian cyst fluid (pure endocervical type according to the Fenoglio's classification).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
Purity	Protein A purified
Purification notes	Purified from hybridoma culture supernatant. Purity >95% by SDS-PAGE.
Clonality	Monoclonal
Clone number	7LE
Myeloma	unknown
Isotype	IgG1

Light chain type

unknown

Applications**The Abpromise guarantee**Our **Abpromise guarantee** covers the use of ab3967 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)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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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