

Blood Group Lewis a antibody

Catalog No: #22719

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Description

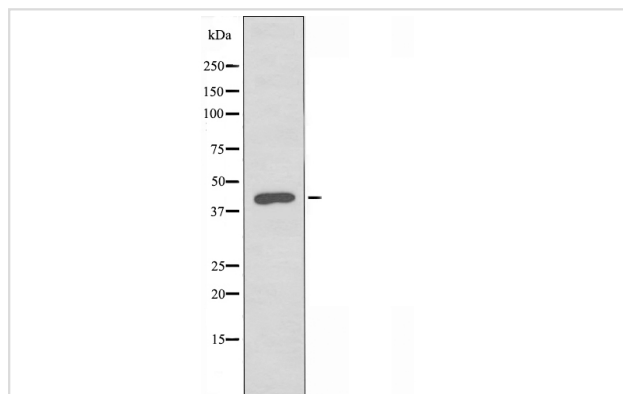
Product Name	Blood Group Lewis a antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Immunogen Description	A synthesized peptide derived from human Blood Group Lewis a
Target Name	Blood Group Lewis a
Accession No.	NCBI Gene ID: 2525NCBI mRNA#: BC074836NCBI Protein#: AAH74836
Uniprot	P21217
GeneID	2525;
Concentration	1mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 42kd

Western blotting: 1:500-1:1000

Images



Western blot analysis of extracts from Jurkat cells using Blood Group Lewis a antibody.

Background

The Lewis histo-blood group system comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine epithelial cells and circulate in body fluids. The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis, inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving rise to their Lewis phenotype. This gene is a member of the fucosyltransferase family, which catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)-fucosyltransferase activities. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only