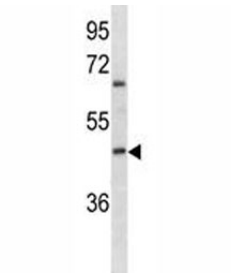
ABO Antibody [clone 593CT3.2.2] (F53723)

Catalog No.	Formulation	Size
F53723-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	593CT3.2.2
Purity	Ascites
UniProt	P16442
Applications	Western blot: 1:200-1:6400
Limitations	This ABO antibody is available for research use only.



ABO antibody western blot analysis in K562 lysate

Description

This gene encodes proteins related to the first discovered blood group system, ABO. Which allele is present in an individual determines the blood group. The 'O' blood group is caused by a deletion of guanine-258 near the N-terminus of the protein which results in a frameshift and translation of an almost entirely different protein. Individuals with the A, B, and AB alleles express glycosyltransferase activities that convert the H antigen into the A or B antigen. Other minor alleles have been found for this gene.

Application Notes

Titration of the ABO antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 41-68 from the human protein was used as the immunogen for this ABO antibody.

Storage

Aliquot the ABO antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.