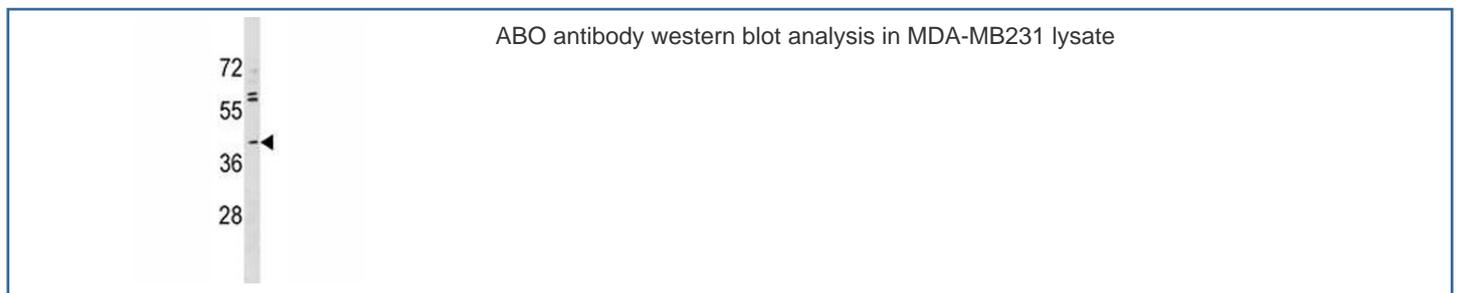


## ABO Antibody (F46085)

Catalog No.	Formulation	Size
F46085-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46085-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P16442
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This ABO antibody is available for research use only.



## 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.