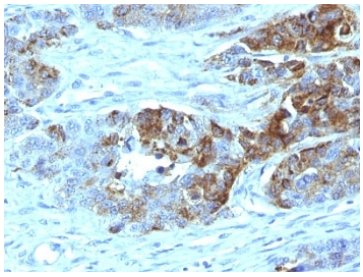
ABO Antibody / Blood Group Antigen H Type 2 [clone 19-OLE] (V2548)

Catalog No.	Formulation	Size
V2548-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2548-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2548SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (8)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	19-OLE
Purity	PEG precipitation
UniProt	P16442
Localization	Cell surface
Applications	Immunofluorescence : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This ABO antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with Blood Group Antigen H Type 2 antibody (19-OLE)

Description

Recognizes the blood group H type 2 antigens, trisaccharide Fuc(a1-2)Gal(b1-4)GlcNAc(b1) of human origin. This protein

is the basis of the ABO blood group system. The histo-blood group ABO involves three carbohydrate antigens: A, B, and H. A, B, and AB individuals express a glycosyltransferase activity that converts the H antigen to the A antigen (by addition of UDP-GalNAc) or to the B antigen (by addition of UDP-Gal), whereas O individuals lack such activity. It is expressed on endothelial cells, epithelial cells and granulocytes. Increased expression of this antigen has been observed on some tumor tissues such as gastric carcinomas, urothelial carcinomas, and colon carcinomas.

Application Notes

Immunogen

Mucinous colonic adenocarcinoma was used as the immunogen for the ABO antibody. This antibody recognizes the blood group H type 2 antigens, trisaccharide Fuc(a1-2)Gal(b1-4)GlcNAc(b1) of human origin.

Storage

Store the ABO antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).