9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

36-1193: Monoclonal Antibody to Blood Group Antigen H Type 2 (CD173)(Clone : 19-OLE)

Clonality :	Monoclonal
Clone Name :	19-OLE
Application :	IF,IHC
Reactivity :	Human
Gene :	ABO
Gene ID :	28
Uniprot ID :	P16442
Format :	Purified
Alternative Name :	ABO
Isotype :	Mouse IgM, kappa
Immunogen Information :	Mucinous colonic adenocarcinoma

Description

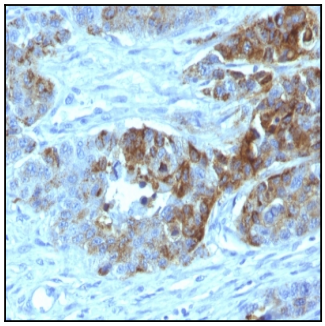
Recognizes the blood group H type 2 antigens, trisaccharide of human origin. This protein is the basis of the ABO blood group system. The histo-blood group ABO involves three carbohydrate antigens: A, B, and H. A, B, and AB individuals express a glycosyltransferase activity that converts the H antigen 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.

Product Info

Amount :	100 µg
Purification :	Affinity Chromatography
Content :	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunofluorescence (2-4ug/ml); Immunohistology (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Blood Group Antigen H Type 2 Monoclonal Antibody (19-OLE)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.