

Product datasheet

anti-H type 2 mouse monoclonal, 19-OLE, purified

Short overview

Cat. No. 691518

Quantity1 ml (100 μ g/ml)Concentration100 μ g/ml

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgM kappaClone19-OLE

Immunogen Mucin isolated from a mucinous colonic adenocarcinoma

Formulation PBS with 0.02% sodium azide

Conjugate Unconjugated

Purification Affinity chromatography

Storage 2-8°C

Intended use Research use only Application FACS, ICC/IF, IHC

Reactivity Human

Applications

Flow Cytometry (FACS)0.5-1.0 μg/million cells in 0.1 mlImmunocytochemistry (ICC)1:100-1:200 (0.5-1.0 μg/ml)Immunohistochemistry (IHC) - frozen1:50-1:100 (1-2 μg/ml)

Immunohistochemistry (IHC) - paraffin 1:50-1:100 (1-2 μg/ml; microwave treatment in 10 mM citrate buffer

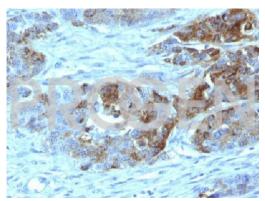
pH 6.0 recommended)

Background

19-OLE reacts with H type 2 antigen, the basis of the ABO blood group system, involving 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.

Positive control: KG1 cells or human colorectal carcinoma.

Product images



Colon carcinoma