Product datasheet

anti-CD176 mouse monoclonal, EBS-CD-054, purified

Short overview

Cat. No.	691617
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	EBS-CD-054
Immunogen	Neuraminidase-treated human red blood cells
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, IHC, WB
Reactivity	Human

Applications

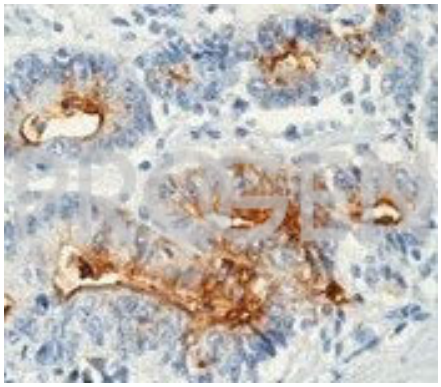
ELISA	Assay dependent
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

EBS-CD-054 recognizes the carbohydrate epitope Thomsen-Friedenreich (asialo-glycophorin; Gal-beta1-3GalNAc). It is specific for both anomeric forms of this disaccharide (TF-alpha and TF-beta, including related structures on glycolipids). Immunoblotting with human acute myelogenous leukemia cells revealed a series of TF-active glycoproteins with a main band at about 155 kDa. It shows no cross-reactivity with sialylated glycophorin. Human cells normally do not carry Thomsen-Friedenreich antigen. Only after malignant transformation the antigen may appear and is thus considered a pan-carcinoma marker. EBS-CD-054 was typed at the 7th CD-Workshop.

Positive control: KG1 cells or human colorectal carcinoma tissues.

Product images



Human colon