

CD175 Monoclonal Antibody (BRIC111)

Product Details

Size	200 µg
Species Reactivity	Human
Published Species	Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	BRIC111
Conjugate	Unconjugated
Immunogen	Human Tn red blood cells.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	tris, pH 7.4, with glycine
Contains	<0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_927733

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Hemagglutination Assay (HA)	Assay-dependent	-

Product Specific Information

MA1-80055 recognizes Tn antigen on glycophorin A and glycophorin B in human erythrocytes.

A suggested positive control for immunohistochemical applications is breast carcinoma.

Western Blot (1)

Molecular cancer	Year 2015
COSMC knockdown mediated aberrant O-glycosylation promotes oncogenic properties in pancreatic cancer.	Species Human
"Published figure using CD175 monoclonal antibody (Product # MA1-80055) in Western Blot"	Dilution 1:250
Authors: Hofmann BT,Schlüter L,Lange P,Mercanoglu B,Ewald F,Fölster A,Picksak AS,Harder S,El Gammal AT,Grupp K,Güngör C,Drenckhan A,Schlüter H,Wagener C,Izbicki JR,Jücker M,Bockhorn M,Wolters-Eisfeld G	

Immunohistochemistry (1)

Experimental & molecular medicine	Year 2018
Loss of complex O-glycosylation impairs exocrine pancreatic function and induces MODY8-like diabetes in mice.	Species Mouse
"MA1-80055 was used in Immunohistochemistry to study the molecular causes of the pleiotropic phenotype by O-glycans in the pancreas."	Dilution 1:100
Authors: Wolters-Eisfeld G,Mercanoglu B,Hofmann BT,Wolpers T,Schnabel C,Harder S,Steffen P,Bachmann K,Steglich B,Schrader J,Gagliani N,Schlüter H,Güngör C,Izbicki JR,Wagener C,Bockhorn M	

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