Product datasheet

anti-Mucin 1 mouse monoclonal, BC-2, purified

Short overview

Cat. No.	16079
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	BC-2
Immunogen	Human milk fat globuline membrane preparation
Formulation	Contains 0.09% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC, WB
Reactivity	Human

Applications

Immunohistochemistry (IHC) - frozen	1:20
Immunohistochemistry (IHC) - paraffin	1:20 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

Background

The human Mucin-1 antibody is reactive with 90% of breast carcinoma, most epithelial ovarian carcinoma and a high portion of the lung, urogenital and gastrointestinal carcinomas. Some reactivity is observed in the apical membrane of normal breast epithelium. Weak reactivity is also present in pancreas, kidney and lung. BC-2 reacts with a five amino acid epitope of the MUC-1 core protein which is less affective for glysosilation than most other MUC-1 epitopes. Localization: cytoplasm and membrane.

Positive control: Mamma carcinoma.

Product images



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