Product datasheet

anti-Mucin 2 mouse monoclonal, MUC-2/Ccp58, supernatant

Short overview

Cat. No.	16074
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	MUC-2/Ccp58
Immunogen	Synthetic human MUC-2 (MI-29) peptide: MUC2 MI-29 (KYPTTTPISTTTMVTPTPTPTGTQTPTTT)
Formulation	Contains 0.09% sodium azide
UniprotID	Q02817 (Human)
Synomym	Mucin-2, MUC-2, Intestinal mucin-2, MUC2, SMUC
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
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
Reactivity	Human

Applications

Immunohistochemistry (IHC) - frozen	1:10-1:40
Immunohistochemistry (IHC) - paraffin	1:10-1:40 (microwave treatment recommended)

Background

The antibody reacts with mucin from small and large intestine and to a weaker extent with salivary and breast epithelia. Stomach, pancreas, kidney, and ovary epithelia are negative. Positive reaction of gastric cancer and colon cancer (antibody shows a relative high specificity for colon carcinoma).

Reactivity on cultured cell lines: LS 174 T (colon cancer cell line).

Positive control: Small intestine.

Product images



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