Product datasheet

anti-Mucin mouse monoclonal, 45 MI, supernatant

Short overview

Cat. No.	16075
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	45 MI
Immunogen	Mucin isolated from ovarian mucinous cysts and colonic mucosa
Formulation	Contains 0.09% sodium azide
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 (protease treatment and or microwave treatment recommended)

Background

The antibody is reactive with the peptide core of gastric mucin (MUC5AC, earlier also described as mucin M1). Mucin is an important tumor-associated marker for adenocarcinomas. The antibody shows specificity to gastric mucosa, but is also reactive with stomach and colon carcinomas. Most breast carcinomas are negative. The antigen is localized in the cytoplasm.

Positive control: Gastric mucosa of stomach.

Product images

anti-Mucin mouse monoclonal, 45 MI, supernatant

References

Publication	Species	Application
Bara, J., Gautier, R., Mouradian, P., Decaens, C. & Daher, N. Oncofetal mucin MI epitope family: Characterization and expression during colonic carcinogenesis. Int. J. Cancer 47, 304-310 (1991).	human	IHC (paraffin)