

Product datasheet for **BM5547**

Mucin-5AC Mouse Monoclonal Antibody [Clone ID: 45 MI]

Product data:

Product Type:	Primary Antibodies
Clone Name:	45 MI
Applications:	IF, IHC
Recommended Dilution:	Immunofluorescence Microscopy. Immunohistochemistry of Frozen and Paraffin Sections (with ethanol fixed tissue): 1/10–1/40. with PFA fixation protease treatment is recommended Positive Control: Gastric mucosa of stomach.
Reactivity:	Chicken, Feline, Human, Mammalian, Monkey, Mouse, Porcine, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Mucin isolated from ovarian mucinous cysts and colonic mucosa.
Specificity:	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.
Formulation:	PBS State: Supernatant State: Liquid Culture Supernatant with 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2–8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mucin 5AC, oligomeric mucus/gel-forming
Database Link:	Entrez Gene 4586 Human P98088



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Background: Mucin is an important tumor-associated marker for adenocarcinomas.

Synonyms: MUC5AC, MUC5, TBM, LeB