

Mucin 5AC antibody [45M1]

Cat. No. GTX11335

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat, Rabbit, Cat, Chicken, Pig, Monkey, Hedgehog

References (12)

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	1:200

Not tested in other applications.

Calculated MW 586 kDa. ([Note](#))

Product Note

The antibody recognizes the mucin epitope g located in the peptide core of gastric mucin (>1,000 kDa). This epitope is completely destroyed by thiol reduction (using mercaptoethanol) and partially lost following trypsin proteolysis, but is stable upon periodate oxidation. The antibody stains the surface gastric epithelium of normal human gastrointestinal tract and reacts with fetal, pre-cancerous and cancerous colonic mucosa, but not with normal colon.

Properties

Form	Liquid
Buffer	Ascites
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	mucin from human ovarian cyst fluid.
Purification	Unpurified
Conjugation	Unconjugated



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Note

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