

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 (14)

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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