

MUC1 antibody [HMPV]

Cat. No. GTX34851

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, FCM
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT
FCM	1-2µg/10 ⁶ cells

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Product Note

This MAb recognizes full-length MUC1 in a glycosylation-independent manner and can bind to the fully glycosylated protein. The dominant epitope of this MAb is APDTR in the VNTR region. It reacts with the core peptide of the MUC1 protein, which is a member of a family of mucin glycoproteins that are characterized by high carbohydrate content, O-linked oligosaccharides, high molecular weight (200kDa) and an amino acid composition rich in serine, threonine, proline and glycine.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% 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.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human breast cancer cell line ZR-75 cells
Purification	Protein A/G purified
Conjugation	Unconjugated

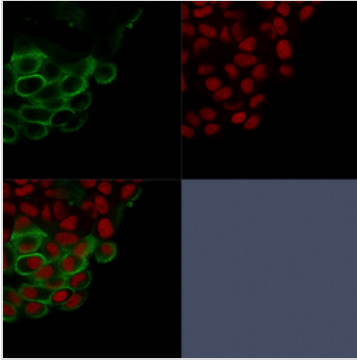


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Note

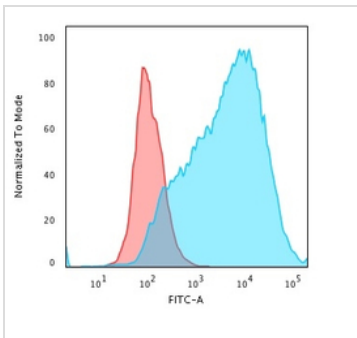
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DATA IMAGES

GTx34851 ICC/IF Image

ICC/IF analysis of paraformaldehyde-fixed K562 cells using GTx34851 MUC1 antibody [HMPV].

Green : Primary antibody

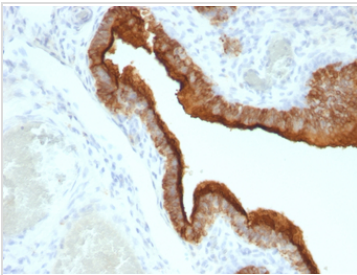
Red : nucleus


GTx34851 FCM Image

FACS analysis of PFA-fixed MCF-7 cells using GTx34851 MUC1 antibody [HMPV].

Blue : Primary antibody

Red : Isotype control


GTx34851 IHC-P Image

IHC-P analysis of human ovarian carcinoma tissue using GTx34851 MUC1 antibody [HMPV].



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