

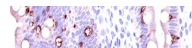
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## Product Datasheet

### MUC2 Antibody / Mucin 2 (orb749374)

**Description**

This antibody recognizes a single glycoprotein of 520kDa,


**Species/Host**

Mouse

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested Applications**

IHC-P

Formalin/paraffin normal human intestine...

**Immunogen**

Amino acids, KYPTTTPISTTTMVTPTPTGTQTPTTT, from human MUC2 / Mucin-2 protein, were used as the immunogen for this antibody.

**Preservatives**

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

**Storage**

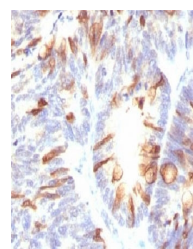
Store the MUC52 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

**Note**

For research use only

**Application notes**

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the MUC2 antibody to be titered up or down for optimal performance.1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris-HCl buffer, pH 10.0, for 10-20 min followed by cooling at RT for 20 minutes.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.



IHC testing of FFPE human colon carcinom...

**Formula**

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Isotype**

Mouse IgG1, kappa

**Clonality**

Monoclonal

**Purity**

Protein G affinity chromatography

**Hazard Information**

This MUC2 antibody is available for research use only.

**Entrez**

**4583**

**Dilution Range**

Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT (1),Prediluted IHC only format: incubate for 30 min at RT (2)

**Expiration Date**

12 months from date of receipt.