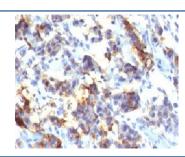


# MUC5AC Antibody [clone MUCN5AC] (V7139)

| Catalog No.    | Formulation   | Size   |
|----------------|---|--------|
| V7139-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 100 ug |
| V7139-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                      | 20 ug  |
| V7139SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free  | 100 ug |
| V7139IHC-7ML   | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml   |

## **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human  |
| Format             | Purified   |
| Clonality          | Monoclonal (mouse origin)  |
| Isotype            | Mouse IgG1, kappa  |
| Clone Name         | MUCN5AC  |
| Purity             | Protein G affinity chromatography  |
| UniProt            | P98088   |
| Localization       | Cytoplasmic  |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1) |
| Limitations        | This MUC5AC antibody is available for research use only.   |



IHC testing of FFPE human gastric carcinoma with MUC5AC antibody (clone MUCN5AC). Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

## **Description**

Mucins are high molecular weight glycoproteins produced by epithelial cells and can be divided into two families; secretory mucins and membrane bound mucins. MUC5AC is a mucus-forming secreted mucin that is found in normal gastric and tracheo-bronchial mucosa, but absent from normal colon.

## **Application Notes**

Titering of the MUC5AC antibody may be required for optimal performance.

1. 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.

#### **Immunogen**

Human recombinant protein was used as the immunogen for the MUC5AC antibody.

## **Storage**

Store the MUC5AC antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).