

## Anti-MUC5AC antibody

<b>Cat. No.</b>	ml160636
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-MUC5AC rabbit polyclonal antibody
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide of human MUC5AC
<b>Reactivity</b>	Human
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	MUC5AC
<b>Full name</b>	mucin 5AC, oligomeric mucus/gel-forming
<b>Synonyms</b>	TBM, IeB, MUC5
<b>Swissprot</b>	P98088

### Target Background

Mucin-5AC is a protein that in humans is encoded by the MUC5AC gene. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease (COPD). Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system. Highly expressed in surface mucosal cells of respiratory tract and stomach epithelia. Overexpressed in a number of carcinomas. Also expressed in Barrett's esophagus epithelium and in the proximal duodenum.

订购热线: 4008-898-798

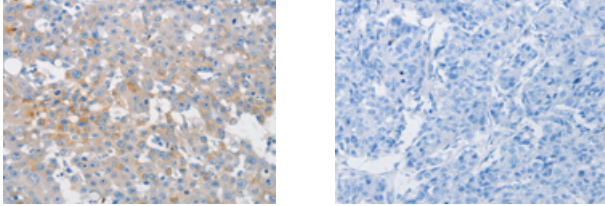
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml160636(MUC5AC Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 2000-5000

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