

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, IHC:1:50-1:200

Protein 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.

Gene ID:

MUC5AC

Uniprot

P98088

Synonyms:

mucin 5AC, oligomeric mucus/gel-forming

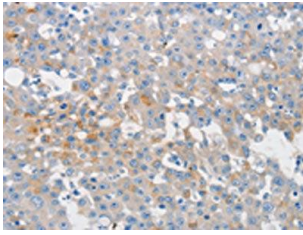
Immunogen:

Synthetic peptide of human MUC5AC.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO18249(MUC5AC Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: x—200).