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Datasheet for ABIN337160
anti-MUC5AC antibody

2 Images

Overview

Quantity:	50 µg
Target:	MUC5AC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC5AC antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide of the MUC5AC tandem repeat. Type of Immunogen: Synthetic peptide
Clone:	CLH2
Isotype:	IgG1
Specificity:	Recognizes the MUC5AC tandem repeat of human mucin. The predominant staining pattern in normal tissues is perinuclear. Antibody reactivity has been observed in foveolar and mucopeptic neck cells of normal gastric mucosa.
Purification:	Purified

Target Details

Target:	MUC5AC
Alternative Name:	MUC5AC (MUC5AC Products)
Background:	Name/Gene ID: MUC5AC Synonyms: MUC5AC, Gastric mucin, Major airway glycoprotein, Muc5/5ac, Mucin-5AC, LeB, Lewis B blood group antigen, Tracheobronchial mucin, TBM, MUC-5AC, MUC5
Gene ID:	4586
UniProt:	P98088

Application Details

Application Notes:	Approved: ELISA, ICC, IHC, IHC-Fr (1:500 - 1:1000), IHC-P (10 µg/mL), IP Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL. Positive control: Normal human epithelial tissues: bronchus, endocervix, stomach and gallbladder.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

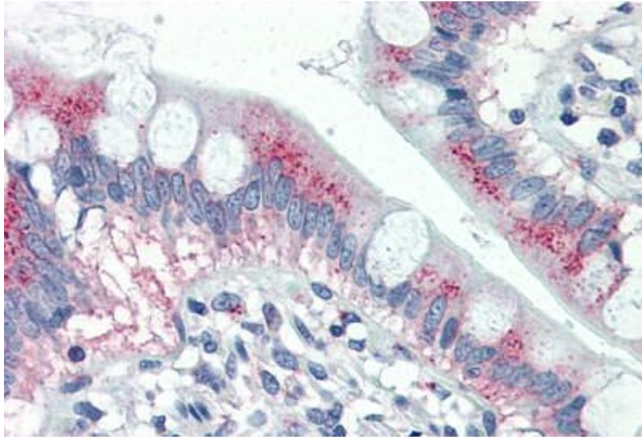
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.6, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

Storage: 4 °C,-20 °C

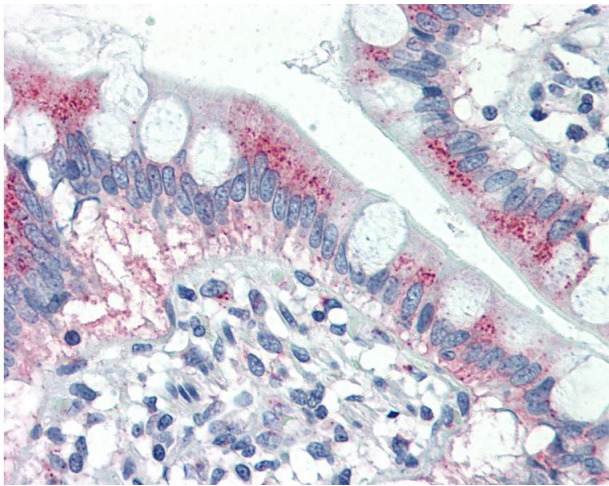
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Small Intestine (formalin-fixed, paraffin-embedded) stained with MUC5AC antibody ABIN337160 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-MUC5AC antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.