

Product datasheet

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ARG59705 anti-Mucin 5AC antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Mucin 5AC

Tested Reactivity Hu

Tested Application ICC/IF, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Mucin 5AC

Species Human

Immunogen Synthetic peptide derived from Human Mucin 5AC.

Conjugation Un-conjugated

Alternate Names leB; Major airway glycoprotein; Lewis B blood group antigen; Tracheobronchial mucin; mucin;

Mucin-5AC; LeB; MUC5; TBM; Gastric mucin; MUC-5AC; Mucin-5 subtype AC, tracheobronchial

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	220 - 600 kDa	

Properties

Form	Liquid	
Purification	Affinity purified.	
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.	
Preservative	0.02% Sodium azide	
Stabilizer	50% Glycerol	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.	

For laboratory research only not for drug discontinuous

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol MUC5AC

Gene Full Name mucin 5AC, oligomeric mucus/gel-forming

Function Gel-forming glycoprotein of gastric and respiratoy tract epithelia that protects the mucosa from

infection and chemical damage by binding to inhaled microrganisms and particles that are subsequently

removed by the mucocilary system. [UniProt]

Calculated Mw 586 kDa

PTM C-, O- and N-glycosylated. O-glycosylated on the Thr-/Ser-rich tandem repeats. C-mannosylation in the

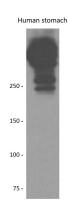
Cys-rich subdomains may be required for proper folding of these regions and for export from the

endoplasmic reticulum during biosynthesis.

Proteolytic cleavage in the C-terminal is initiated early in the secretory pathway and does not involve a serine protease. The extent of cleavage is increased in the acidic parts of the secretory pathway. Cleavage generates a reactive group which could link the protein to a primary amide. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG59705 anti-Mucin 5AC antibody WB image

Western blot: Human stomach lysate stained with ARG59705 anti-Mucin 5AC antibody.