

Cat. No:	AB-84263
Size:	100ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Mucin 5AC(552-567aa TMQLFMQLAPKLRGQT).
Reactivity:	Hu
Applications:	Western blot: 0.1-0.5µg/ml Immunohistochemistry(Paraffin-embedded Section) 0.5-1µg/ml
Molecular Weight:	585570 MW
Purification:	Aff. Pur.
Background:	Mucin-5AC is a protein that in humans is encoded by the MUC5AC gene. It is mapped to 11p15.5. MUC5AC is highly expressed in adult trachea and stomach. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease(COPD). It has been showed that activation of the NF-kappa-B signaling pathway by inflammatory cytokine TNF-alpha upregulated MUC5AC mRNA expression nearly 6-fold. MUC5AC is also a direct and critical mediator of resistance during intestinal nematode infection.
Form:	Liquid
Buffer:	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Storage:	At -20°C for one year. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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