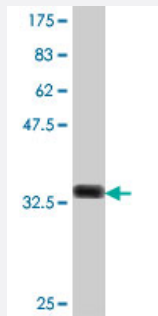


MUC5AC polyclonal antibody (A01)

Catalog # H00004586-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MUC5AC.
Immunogen	MUC5AC (XP_495860, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag.
Sequence	NQSTCAVYHRSLIIQQQGCSSSEPVRLAYCRGNCGDSSSMYSLEGNTVEHRCQCCQELRTSLRN VTLHCTDGSSRAFSYTEVEECGCMGRRCPPAPGDTQH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MUC5AC

Entrez GeneID	4586
GeneBank Accession#	XM_495860
Protein Accession#	XP_495860
Gene Name	MUC5AC
Gene Alias	MUC5
Gene Description	mucin 5AC, oligomeric mucus/gel-forming
Omim ID	158373
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	gastric mucin mucin 5, subtypes A and C, tracheobronchial/gastric mucin 5AC tracheobronchial m ucin

Publication Reference

- [RSV-induced expanded ciliated cells contribute to bronchial wall thickening.](#)

Sattya N Talukdar, Jaspreet Osan, Ken Ryan, Bryon Grove, Danielle Perley, Bony D Kumar, Shirley Yang, Sydney Dallman, Lauren Hollingsworth, Kristina L Bailey, Masfique Mehedi.

Virus Research 2023 Apr; 327:199060.

Application: IF, Human, NHBE cells

- [Goblet Cell Hyperplasia Increases SARS-CoV-2 Infection in COPD.](#)

Jaspreet K Osan, Sattya N Talukdar, Friederike Feldmann, Beth Ann DeMontigny, Kailey Jerome, Kristina L Bailey, Heinz Feldmann, Masfique Mehedi.

bioRxiv : the Preprint Server for Biology 2020 Nov; [Epub].

Application: IF, Human, Human airway epithelium

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Otitis Media](#)
- [Otitis Media with Effusion](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stomach Neoplasms](#)