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GOAT ANTI-MUC5B (MOUSE) ANTIBODY

SKU: EB10312

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	2300002I04Rik|A130042M24|AV085033|MUC5|MUC9|mucin 5, subtype B, tracheobronchial|mucin 5b|Muc5b
Accession ID	NP_083077.2
Blocking Peptide	EBP10312
Immunogen	Peptide with sequence CEKEDSSTCQ, from the internal region of the protein sequence according to NP_083077.2.
Peptide Sequence	CEKEDSSTCQ
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat
Mouse Gene ID	74180
Rat Gene ID	309114
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:4000.
Western Blot	Preliminary experiments gave bands at approx 100kDa and 55kDa in Mouse Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 515kDa according to Mouse NP_083077.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Application Type	Pep-ELISA

DOCUMENTS

- Data Sheet