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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11765 - Goat Anti-Muc5b (mouse aa1569-1583) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 2300002I04Rik, A130042M24, AV085033, MUC5, Muc5b, MUC9, mucin 5, subtype B, tracheobronchial, mucin 5b

Official Symbol: Muc5b

Accession Number(s): NP_083077.2

Non-Human GeneID(s): 74180 (mouse), 309114 (rat)

Immunogen

Peptide with sequence CQPQCQWTKWIDVDY, from the C Terminus of the protein sequence according to NP_083077.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

IHC: This antibody has been successfully used in IHC on Mouse: Evgenia Dobrinskikh et al. (2021) PMID: 34160296, and Evgenia Dobrinskikh et al. (2022) PMID: 36108173.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat

Specific References

This antibody has been successfully used in IHC and Dot Blot on Mouse:

Evgenia Dobrinskikh, Corinne E Hennessy, Jonathan S Kurche, Eunjoo Kim, Alani M Estrella, Jonathan Cardwell, Ivana V Yang, David A Schwartz
Epithelial ER Stress Enhances the Risk of Muc5b Associated Lung Fibrosis
Am J Respir Cell Mol Biol. 2022 Sep 15. doi: 10.1165/rcmb.2022-0252OC
PMID: 36108173

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Evgenia Dobrinskikh, Alani M Estrella, Corinne E Hennessy, Naoko Hara, Marvin I Schwarz, Jonathan S Kurche, Ivana V Yang, David A Schwartz
Genes, other than Muc5b, play a role in bleomycin-induced lung fibrosis
Am J Physiol Lung Cell Mol Physiol. 2021 Aug 1;321(2):L440-L450.
PMID: 34160296