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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 GenelD(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

This antibody has been successfully used in IHC on Mouse:

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