



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



Size: 100µg specific antibody in 200µl

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

### 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.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Mouse, Rat

### Specific Reference

**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