

## UK Office

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

## EB10657 - Goat Anti-Muc5b (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** Muc5b

**Accession Number(s):** NP\_083077.2

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

### Immunogen

Peptide with sequence C-NYHDIGTQVPTAEN, from the internal region 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 1:1000.

**Western blot:** Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 515kDa according to NP\_083077.2. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product.

### Species Reactivity

**Tested:**

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