

## UK Office

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

## EB10310 - Goat Anti-Muc5ac (mouse) Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** 2210005L13Rik, gastric mucin, MGM, mucin 5, subtypes A and C, tracheobronchial/gastric, Muc5ac

**Official Symbol:** Muc5ac

**Accession Number(s):** NP\_034974.1

**Non-Human GeneID(s):** 17833 (mouse)

### Immunogen

Peptide with sequence HEHRSDVPHPQ-C, from the N Terminus of the protein sequence according to NP\_034974.1.

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 1:32000.

**Western blot:** Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 299kDa according to NP\_034974.1. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product.

**IHC:** A customer reported that this antibody stained cilia in mouse bronchi and it co-stained with lectin (membrane).

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse