

## International Office

### Everest Biotech Ltd

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

## EB11103 - Goat Anti-Muc16 (Rat) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 1110008I14Rik, CA125, CA-125, CA125 ovarian cancer antigen, Gm1480, MUC-16, mucin 16, cell surface associated, mucin-16, ovarian cancer-related tumor marker CA125, ovarian carcinoma antigen CA125, RGD1308422, MUC16

**Official Symbol:** Muc16

**Accession Number(s):** XP\_235886.5

**Non-Human GeneID(s):** 73732 (mouse), 315451 (rat)

### Immunogen

Peptide with sequence C-QRHRLAYYLSHDLRK, from the internal region of the protein sequence according to XP\_235886.5.

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 794kDa according to XP\_235886.5. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

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