



## UK Office

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

## EB09037 - Goat Anti-KRT13 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** KRT13, keratin 13, CK13, K13, MGC161462, MGC3781, cytokeratin 13, keratin, type I cytoskeletal 13

**Official Symbol:** KRT13

**Accession Number(s):** NP\_705694.2

**Human GeneID(s):** [3860](#)

**Important Comments:** This antibody is expected to recognize the reported isoform a (NP\_002265.2) only.

### Immunogen

Peptide with sequence C-TSNASGRRTSDVRRP, from the C Terminus of the protein sequence according to NP\_705694.2.

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.

**Western blot:** Approx. 55kDa band observed in Human Lung, Skeletal Muscle and Skin lysates (calculated MW of 49.6kDa according to NP\_705694.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Sajjan, Microbiology. 2003 Apr;149(Pt 4):961-71.; PMID: 12686638). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** In paraffin embedded Human Tonsil shows strong layered, filamentous staining. Recommended concentration, 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB09037 (0.1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB09037 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer  
pH 6, AP-staining.