

## UK Office

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

## EB10365 - Goat Anti-RHCG Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** C15orf6, PDRC2, Rh family, C glycoprotein, Rh type C glycoprotein, Rhesus blood group, C glycoprotein, RHGK, SLC42A3, RHCG

**Official Symbol:** RHCG

**Accession Number(s):** NP\_057405.1

**Human GeneID(s):** [51458](#)

### Immunogen

Peptide with sequence C-ERQNSVYQSD, from the internal region of the protein sequence according to NP\_057405.1.

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 1:16000.

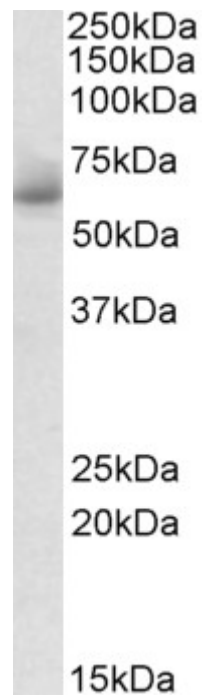
**Western blot:** Approx 60kDa band observed in Human Testis lysates (calculated MW of 53.2kDa according to NP\_057405.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Liu et al, J Biol Chem. 2000 Aug 18;275(33):25641-51;PMID: 10852913). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Tonsil and Kidney. Recommended concentration: 5µg/ml.

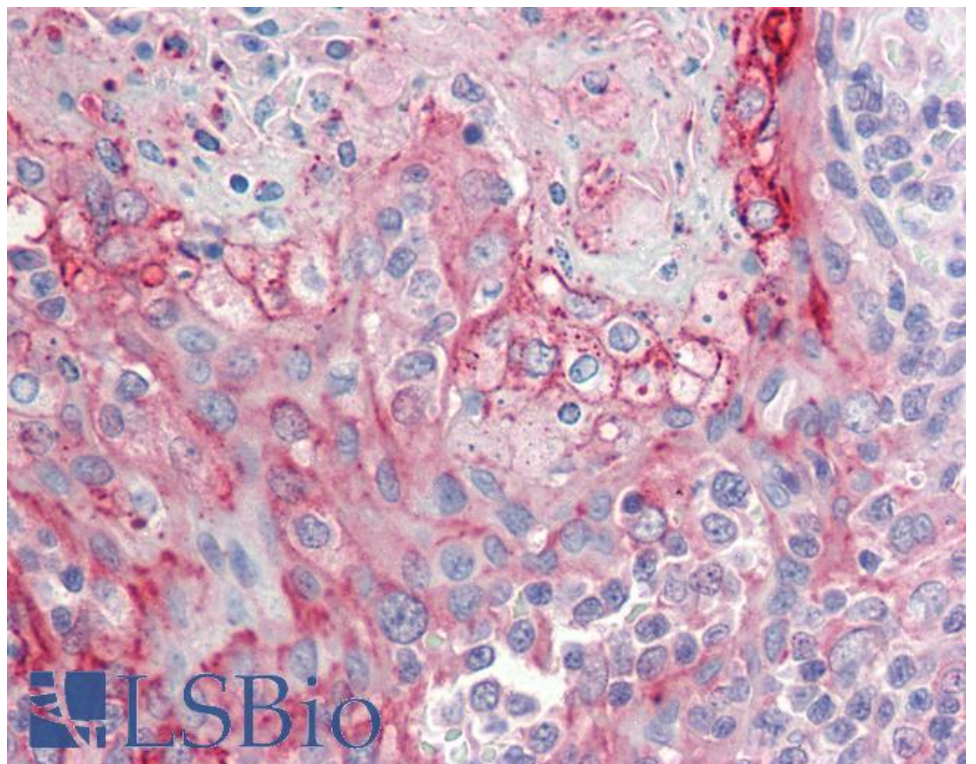
### Species Reactivity

**Tested:** Human

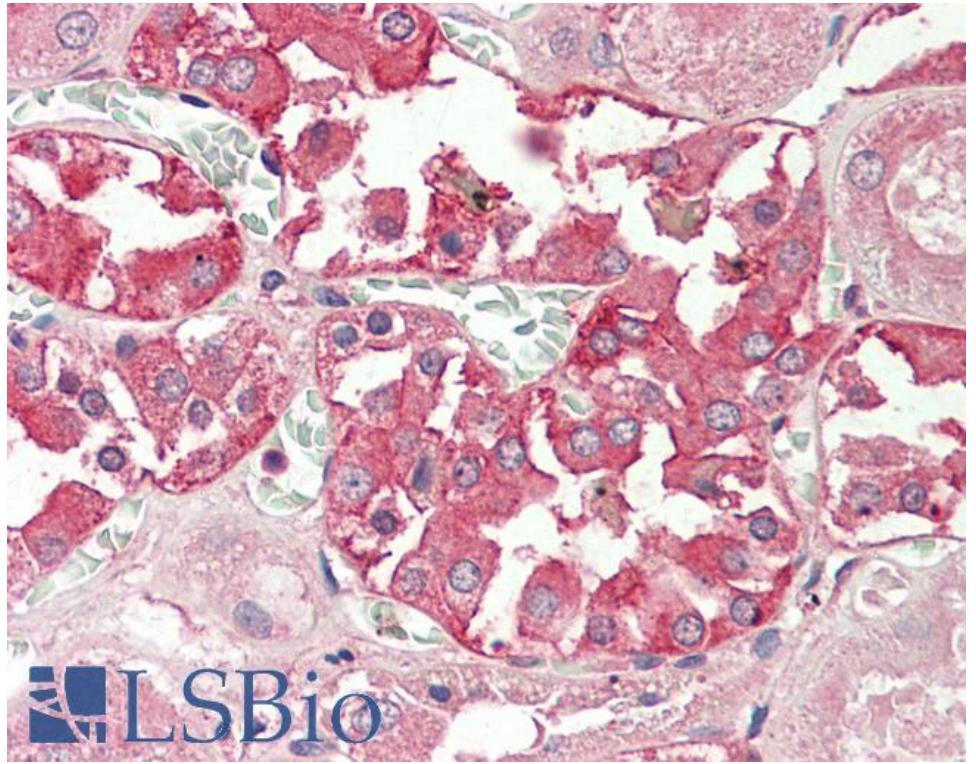
**Expected from sequence similarity:** Human, Dog, Pig



EB10365 (1 $\mu$ g/ml) staining of Human Testis lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10365 (5 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB10365 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.