



## UK Office

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

## EB10488 - Goat Anti-TMEM205 (aa137-146) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MBC3205, MGC110858, MGC3205, transmembrane protein 205, UNQ501, TMEM205

**Official Symbol:** TMEM205

**Accession Number(s):** NP\_212133.1

**Human GeneID(s):** [374882](#)

**Non-Human GeneID(s):** 235043 (mouse), 300441 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_940938.1, NP\_212133.1, NP\_001138888.1

### Immunogen

Peptide with sequence C-PDPYRQLREK, from the internal region of the protein sequence according to NP\_212133.1.

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 22kDa band observed in Human Pancreas lysates (calculated MW of 21.2kDa according to NP\_212133.1). Recommended concentration: 0.03-0.1µg/ml.

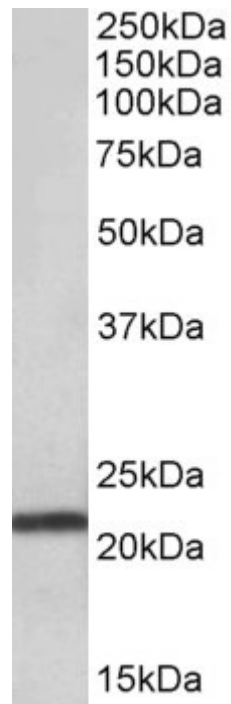
Primary incubation was 1 hour. Preliminary testing was unsuccessful on Rat and Mouse Pancreas and 3T3 cell line for this particular batch.

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

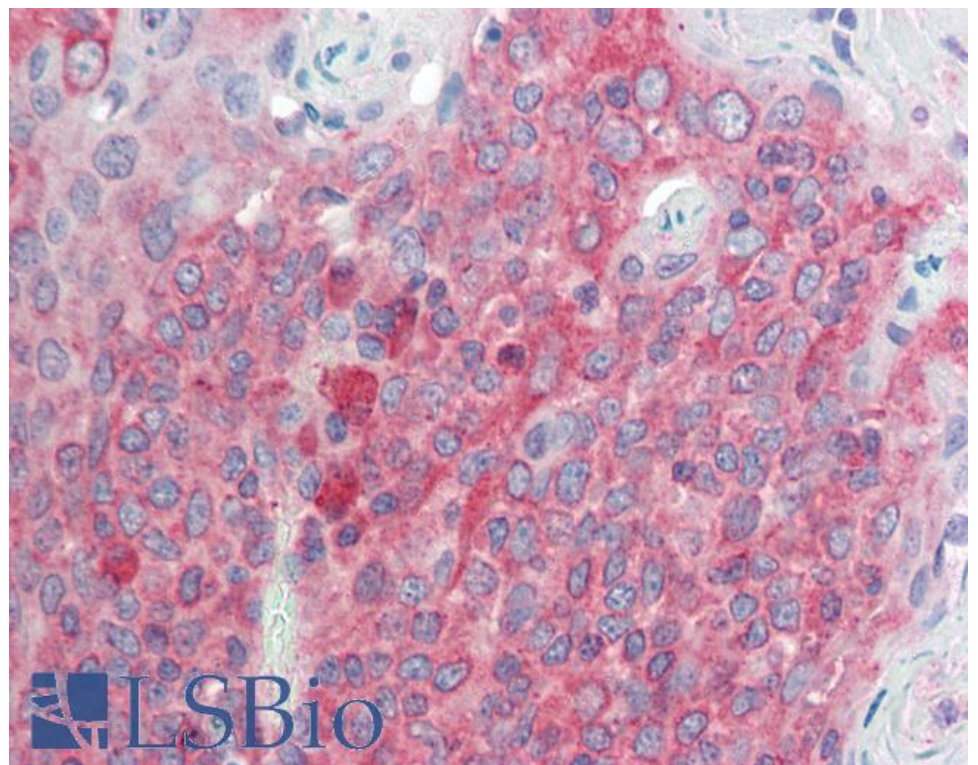
### Species Reactivity

**Tested:** Human

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



EB10487 (0.03 $\mu$ g/ml) staining of Human Pancreas lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB10488 (5 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.