

## UK Office

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

## EB11786 - Goat Anti-TMEM132A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DKFZp547E212, FLJ20539, GBP, glucose-regulated protein, 78kDa, GRP78-binding protein, heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) binding protein 1, heat shock 70kDa protein 5 binding protein 1, HSPA5-binding protein 1, HSPA5BP1, MGC138669, OTTHUMP00000236901, OTTHUMP00000236902, TMEM132A, transmembrane protein 132A

**Official Symbol:** TMEM132A

**Accession Number(s):** NP\_060340.2; NP\_821174.1

**Human GeneID(s):** [54972](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_060340.2; NP\_821174.1)

### Immunogen

Peptide with sequence C-TAKLDRFKGSRHH, from the internal region of the protein sequence according to NP\_060340.2; NP\_821174.1.

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 1:128000.

**Western blot:** Preliminary experiments gave an approx 85kDa band in Human Glioma Cancer lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 110kDa according to NP\_060340.2 and NP\_821174.1. The 85kDa band was successfully blocked by incubation with the immunizing peptide. 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:** Human