

## UK Office

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

## EB08228 - Goat Anti-MAN2A1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MAN2A1, mannosidase, alpha, class 2A, member 1, GOLIM7, MANA2, MANII, Golgi alpha-mannosidase II, golgi integral membrane protein 7, mannosidase, alpha type II, mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase

**Official Symbol:** MAN2A1

**Accession Number(s):** NP\_002363.2

**Human GeneID(s):** [4124](#)

### Immunogen

Peptide with sequence C-KISSDIKSQNR, from the internal region of the protein sequence according to NP\_002363.2.

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 1:16000.

**Western blot:** Approx. 150kDa band observed in Human Placenta lysates (calculated MW of 131kDa according to NP\_002363.2). In transfected HEK293 transiently expressing MAN2A1 a band of approx. 98kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 1-3µg/ml. An anonymous customer found positive results in WB on Human dermal fibroblasts.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB08228 (0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HEK293 overexpressing Man2A1 (RC220186) and probed with EB08228 (mock transfection in first lane), tested by Origene.