



## International Office

### Everest Biotech Ltd

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

## EB10286 - Goat Anti-MGAT1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GLCNAC-TI, GLCT1, GLYT1, GNT-1, GNT-I, mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase, MGAT, N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase, OTTHUMP00000161546, MGAT1

**Official Symbol:** MGAT1

**Accession Number(s):** NP\_002397.2

**Human GeneID(s):** [4245](#)

**Non-Human GeneID(s):** 17308 (mouse), 81519 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_002397.2, NP\_001108090.1, NP\_001108091.1, NP\_001108092.1, NP\_001108089.1.

### Immunogen

Peptide with sequence C-QVEKVRTNDR, from the internal region of the protein sequence according to NP\_002397.2.

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 1:8000.

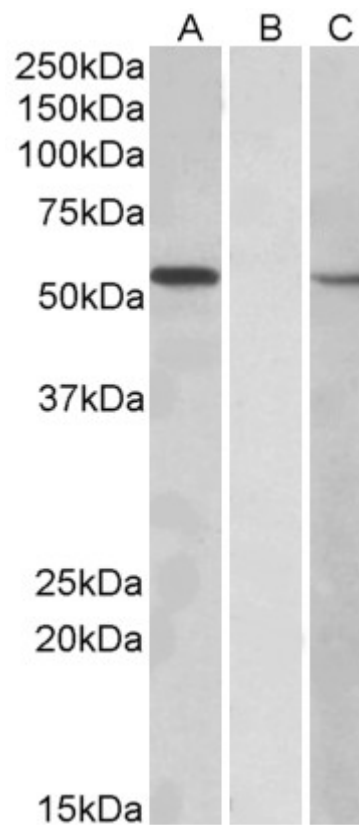
**Western blot:** In transfected HEK293 transiently expressing full-length Human MGAT1 (myc and DYKDDDDK tagged), a band of approx. 55kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 0.2-1µg/ml.

Purchase the +ve control! The transfected lysate used to QC this product is available for sale. Please email [sales@everestbiotech.com](mailto:sales@everestbiotech.com) to request datasheet, pricing and delivery information.

### Species Reactivity

**Tested:** Human

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



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MGAT1 with C-terminal MYC tag probed with EB10286 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10286 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.