



## UK Office

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

## EB07266 - Goat Anti-Myosin IXB Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MYO9B, myosin IXB, CELIAC4, MYR5, myosin, celiac disease 4

**Official Symbol:** MYO9B

**Accession Number(s):** NP\_004136.2; NP\_001123537.1

**Human GeneID(s):** [4650](#)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_004136.2; NP\_001123537.1).

### Immunogen

Peptide with sequence C-KNDFEPVKQSKAQ, from the internal region of the protein sequence according to NP\_004136.2; NP\_001123537.1.

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 1:2000.

**Western blot:** Approx 200kDa band observed in Human Liver lysates (calculated MW of 243kDa according to NP\_004136.2). Recommended concentration: 2-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB07266 (2 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.