

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

Storage: For long-term storage  
keep aliquots at -20°C. (Store no  
longer than 12 months at 4°C).  
Minimize freezing and thawing.

## EB08751 - Goat Anti-APOB48R (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Apob-48, apolipoprotein B48 receptor, Apob48r

**Official Symbol:** APOB48R

**Accession Number(s):** NP\_612183.1

**Non-Human GeneID(s):** 171504 (mouse), 499264 (rat)

### Immunogen

Peptide with sequence C-QELQARLSQPKPQ, from the C Terminus of the protein  
sequence according to NP\_612183.1.

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 1:32000.

**Western blot:** Preliminary experiments gave an approx. 37kDa band in Mouse and Rat  
Spleen lysates after 0.5µg/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  
115kDa according to NP\_612183.1. The 37kDa 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:** Mouse, Rat, Dog,

### Background Reference

Brown ML, Ramprasad MP, Umeda PK, Tanaka A, Kobayashi Y, Watanabe T,  
Shimoyamada H, Kuo WL, Li R, Song R, Bradley WA, Gianturco SH.

A macrophage receptor for apolipoprotein B48: cloning, expression, and atherosclerosis.  
Proc Natl Acad Sci U S A. 2000 Jun 20;97(13):7488-93

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