

## UK Office

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

## EB06667 - Goat Anti-MYD88 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MYD88, myeloid differentiation primary response gene (88), MYD88D, myeloid differentiation primary response gene 88

**Official Symbol:** MYD88

**Accession Number(s):** NP\_001166038.1; NP\_002459.2; NP\_001166039.1

**Human GeneID(s):** [4615](#)

**Non-Human GeneID(s):** 17874 (mouse), 301059 (rat)

**Important Comments:** This antibody is expected to recognize reported isoforms 1, 2 and 3 (NP\_001166038.1; NP\_002459.2; NP\_001166039.1).

### Immunogen

Peptide with sequence C-IKYKAMKKEFP, from the internal region of the protein sequence according to NP\_001166038.1; NP\_002459.2; NP\_001166039.1.

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 1:16000.

**Western blot:** Approx 33kDa band observed in Human Thymus lysates (calculated MW of 33.2kDa according to NP\_002459.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

**IHC:** In paraffin embedded Human Tonsil shows staining of clusters of cells some of which are likely plasma cells. Recommended concentration: 4-6µg/ml.

**Enzyme immunoassay:** Sandwich-type ELISA with increasing amount of recombinant MYD88 captured by a rabbit antibody. Recommended reporter concentration: 5-10ug/ml.

### Species Reactivity

**Tested:** Human

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

EB06667 staining (0.2µg/ml) of Human Thymus lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.

EB06667 (4µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining. These results could not been obtained after antigen retireval at pH6 with this batch of antibody.

EB06667 (5ug/ml) as the reporter with EB002006 as the capture rabbit antibody (5ug/ml).