

## UK Office

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

## EB08674-T - Goat Anti-IRAK3 (mouse) Antibody - Trial

Size: 20µg specific antibody in 40µl



### Target Protein

**Principal Names:** IRAK3, interleukin-1 receptor-associated kinase 3, ASRT5, IRAK-M, IRAKM, interleukin-1 receptor-associated kinase M

**Official Symbol:** IRAK3

**Accession Number(s):** NP\_082955.2

**Non-Human GeneID(s):** 73914 (mouse), 314870 (rat)

### Immunogen

Peptide with sequence C-GHSYGSKPMEKR, from the internal region (near the C Terminus) of the protein sequence according to NP\_082955.2.

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 1:64000.

**Western blot:** Approx 65kDa band observed in Rat Liver lysates (calculated MW of 67.8kDa according to NP\_082955.2). An approx 70kDa is observed in Mouse Bone Marrow lysates but this band disappears in lysates from the knock-out mouse. Recommended concentration: 0.05-0.2µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

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

EB08674 (0.05µg/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected with chemiluminescence.

EB08674 (0.5µg/ml) staining of Mouse Bone Marrow (wildtype first lane, KO second lane) lysates (35µg protein in RIPA buffer). Primary incubation was overnight at 4C Detected with chemiluminescence. Data obtained from anonymous customer