



## UK Office

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

## EB06615 - Goat Anti-Malin / EPM2B / NHLRC1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NHLRC1, EPM2B, bA204B7.2, NHL repeat containing 1, malin, EPM2A, MALIN, MGC119262, MGC119264, MGC119265, epilepsy, progressive myoclonus type 2B

**Official Symbol:** NHLRC1

**Accession Number(s):** NP\_940988.2

**Human GeneID(s):** [378884](#)

### Immunogen

Peptide with sequence CHSIKVYKVDWG, from the C Terminus of the protein sequence according to NP\_940988.2.

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 1:16000.

**Western blot:** Western Blot: experiments gave bands at approx 45kDa and 28kDa in Human Heart lysates and the 28kDa band was also observed in Human Brain lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the 28kDa band we observe given the calculated size of 42.3kDa according to NP\_940988 Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins with the size of the additional band). 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?

**IHC:** This antibody has been successfully used in IHC on transfected cells PMID 17337485 JV29/07/2011

### Species Reactivity

**Tested:** Human

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