



## UK Office

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

## EB09874 - Goat Anti-AIM2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** absent in melanoma 2, PYHIN4, AIM2

**Official Symbol:** AIM2

**Accession Number(s):** NP\_004824.1

**Human GeneID(s):** [9447](#)

### Immunogen

Peptide with sequence C-GEKLQLTSGVHSTIK, from the C Terminus of the protein sequence according to NP\_004824.1.

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 1:8000.

**Western blot:** Approx 50+55kDa bands observed in lysates of Human WI-38 fibroblast after treatment with interferon beta (calculated MW of 39.0kDa according to NP\_004824.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Choubey et al., J Interferon Cytokine Res. 2010 Jun;30(6):371-80. PMID: 20187776). Recommended concentration: 1-3µg/ml.

**IHC:** In paraffin embedded Human Spleen shows nucleolar staining in some splenocytes. Recommended concentration, 4-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB09874 (3.8µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB09874 (1µg/ml) staining of IFNbeta-treated WI-38 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.