



## UK Office

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

## EB05586 - Goat Anti-ICSBP1 / IRF8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IRF8, ICSBP1, interferon consensus sequence binding protein 1, IRF-8, H-ICSBP, interferon regulatory factor 8

**Official Symbol:** IRF8

**Accession Number(s):** NP\_002154.1

**Human GeneID(s):** [3394](#)

**Non-Human GeneID(s):** 15900 (mouse)

### Immunogen

Peptide with sequence C-QRSFFRENQQITV, from the C Terminus of the protein sequence according to NP\_002154.1.

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 45-50kDa band seen in K562 lysate (Predicted MW of 47kDa according to NP\_002154.1). Recommended concentration: 0.5-2µg/ml.

**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

### Species Reactivity

**Tested:** Human

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

EB05586 staining (1µg/ml) of K562 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

EB05586 (5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.