



## International Office

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

## EB05582 - Goat Anti-IRF2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IRF2, interferon regulatory factor 2, DKFZp686F0244, IRF-2

**Official Symbol:** IRF2

**Accession Number(s):** NP\_002190.2

**Human GeneID(s):** [3660](#)

**Non-Human GeneID(s):** 16363 (mouse)

### Immunogen

Peptide with sequence KTSDITQARVKSC, from the C Terminus of the protein sequence according to NP\_002190.2.

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 1:2000.

**Western blot:** Approx 48kDa band observed in lysates of cell line Jurkat (calculated MW of 39.3kDa according to NP\_002190.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Li et al, Invest Ophthalmol Vis Sci. 1999 Apr;40(5):976-82.; PMID: 10102295. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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

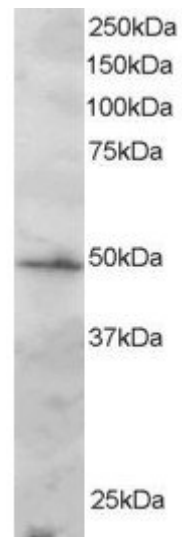
### Specific Reference

**This antibody has been successfully used in the following paper:**

Liljeroos M, Vuolteenaho R, Rounioja S, Henriques-Normark B, Hallman M, Ojaniemi M. Bacterial ligand of TLR2 signals Stat activation via induction of IRF1/2 and interferon-alpha production.

Cell Signal. 2008 Oct;20(10):1873-81.

PMID: 18652890



EB05582 staining (2 $\mu$ g/ml) of Jurkat lysate (RIPA buffer, 30 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.