



## International Office

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

## EB05585 - Goat Anti-IRF5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IRF5, interferon regulatory factor 5, SLEB10

**Official Symbol:** IRF5

**Accession Number(s):** NP\_116032.1; NP\_001092097.2; NP\_001092099.1; ;  
NP\_001229381.1

**Human GeneID(s):** [3663](#)

**Important Comments:** This antibody is expected to recognize reported isoforms  
(NP\_116032.1; NP\_001092097.2 ; NP\_001092099.1 ; : NP\_001229381.1

### Immunogen

Peptide with sequence C-QGPWPMHPAGMQ, from the C Terminus of the protein  
sequence according to NP\_116032.1; NP\_001092097.2; NP\_001092099.1; ;  
NP\_001229381.1.

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 1:128000.

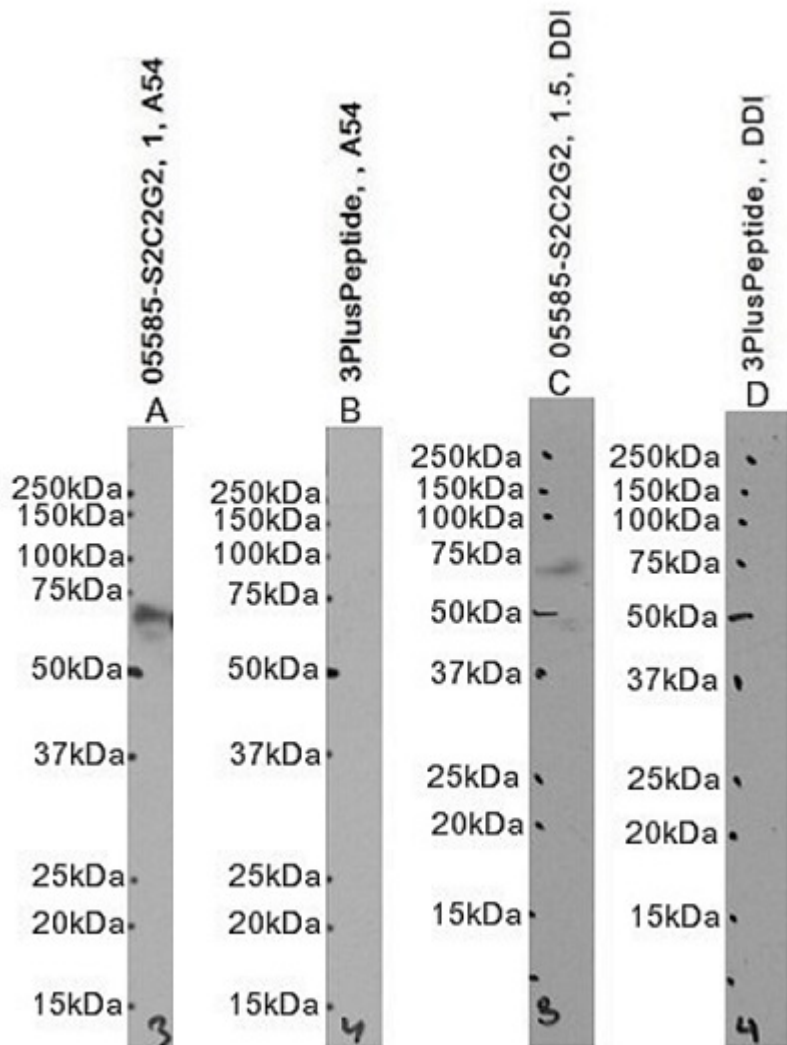
**Western blot:** Approx. 55+60kDa bands observed in Human Spleen lysates, approx.  
65kDa in lysates of cell line A549, and approx. 70kDa in lysates of cell lines Daudi  
(calculated MW of 57.8kDa according to NP\_001092099.1). These molecular weights  
have been observed by other commercial sources, and were successfully blocked by  
incubation with the immunizing peptide. Recommended concentration: 1-2µg/ml. Primary  
incubation 1 hour at room temperature.

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

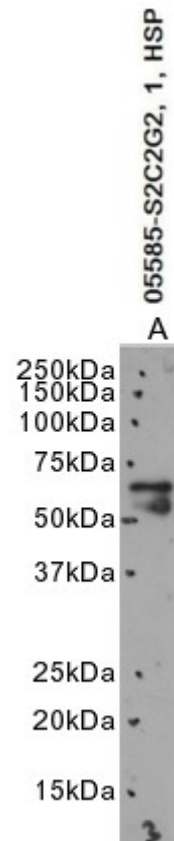
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

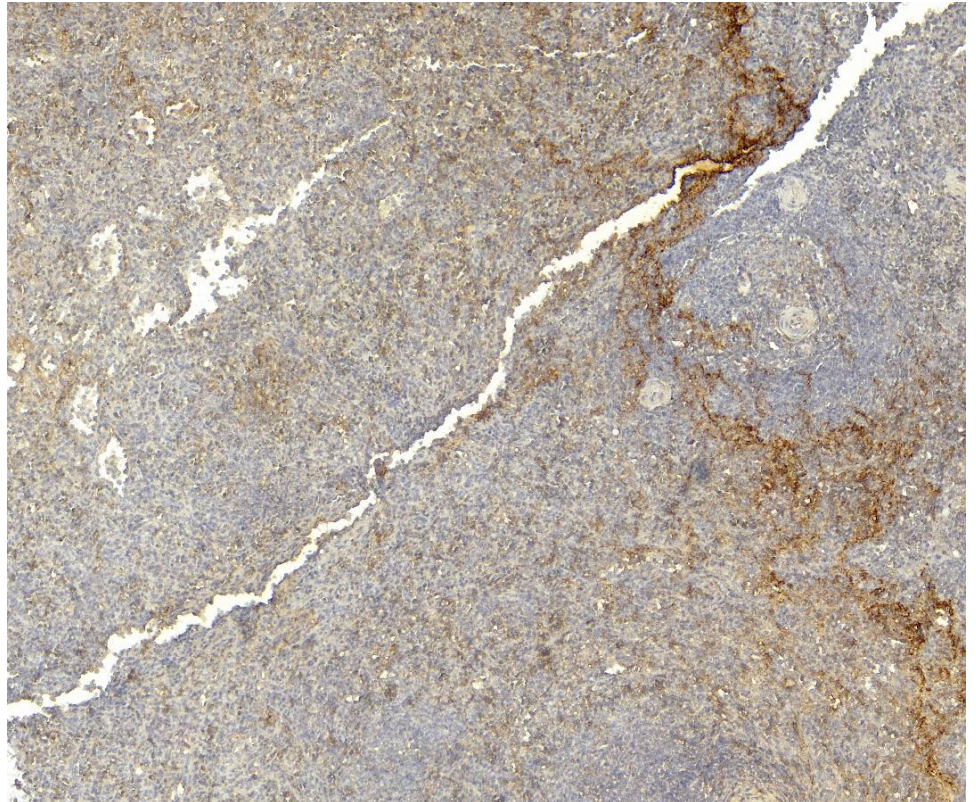


EB05585 optimised QC. Primary incubation 1 hour at room temperature.  
 Images A+B: A549 cell lysate + peptide, incubation at primary Ab concentration 1ug/ml  
 and C+D: Daudi cell lysate + peptide, incubation at primary Ab concentration 1ug/ml.  
 (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.

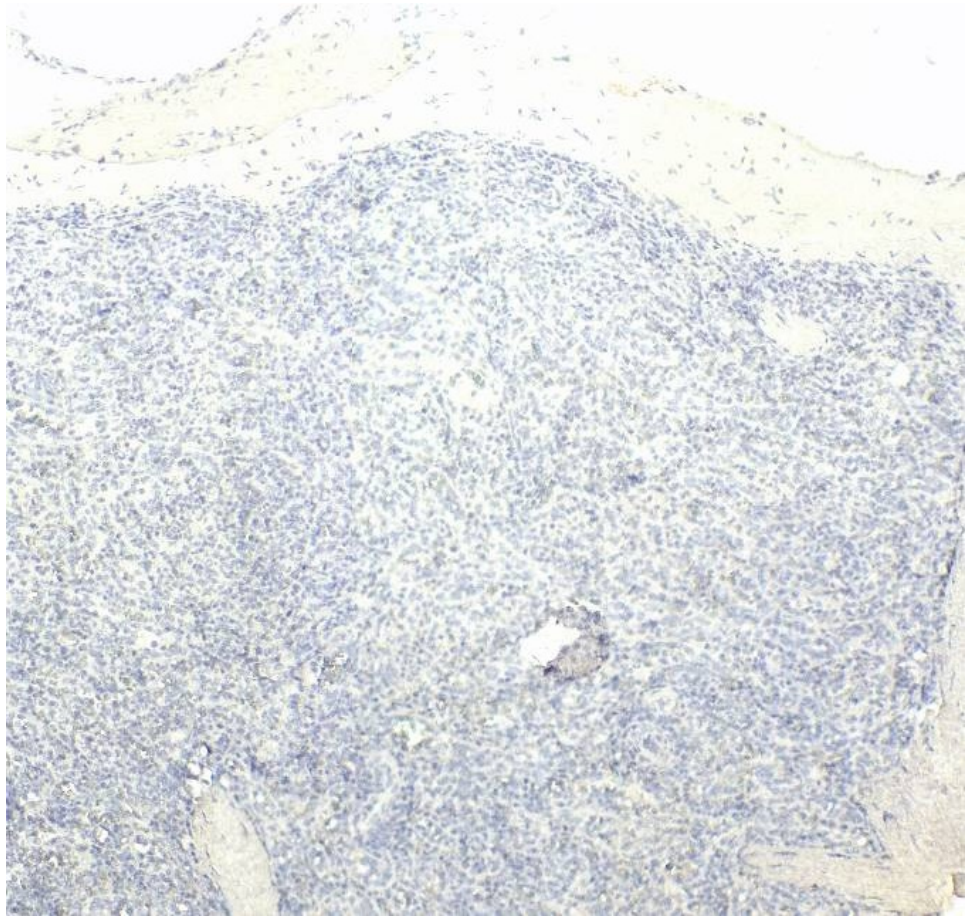


EB05585 optimised QC. Primary incubation 1 hour at room temperature.

Image A: Human Spleen lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB05585 (5µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB05585 Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.