



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB11742 - Goat Anti-c-FOS (aa283-295) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** activator protein 1, AP-1, cellular oncogene c-fos, C-FOS, FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS), FBJ murine osteosarcoma viral oncogene homolog, FOS, G0/G1 switch regulatory protein 7, p55, proto-oncogene c-Fos

**Official Symbol:** FOS

**Accession Number(s):** NP\_005243.1

**Human GeneID(s):** [2353](#)

### Immunogen

Peptide with sequence C-SETARSVPDMDLS, from the internal region of the protein sequence according to NP\_005243.1.

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.

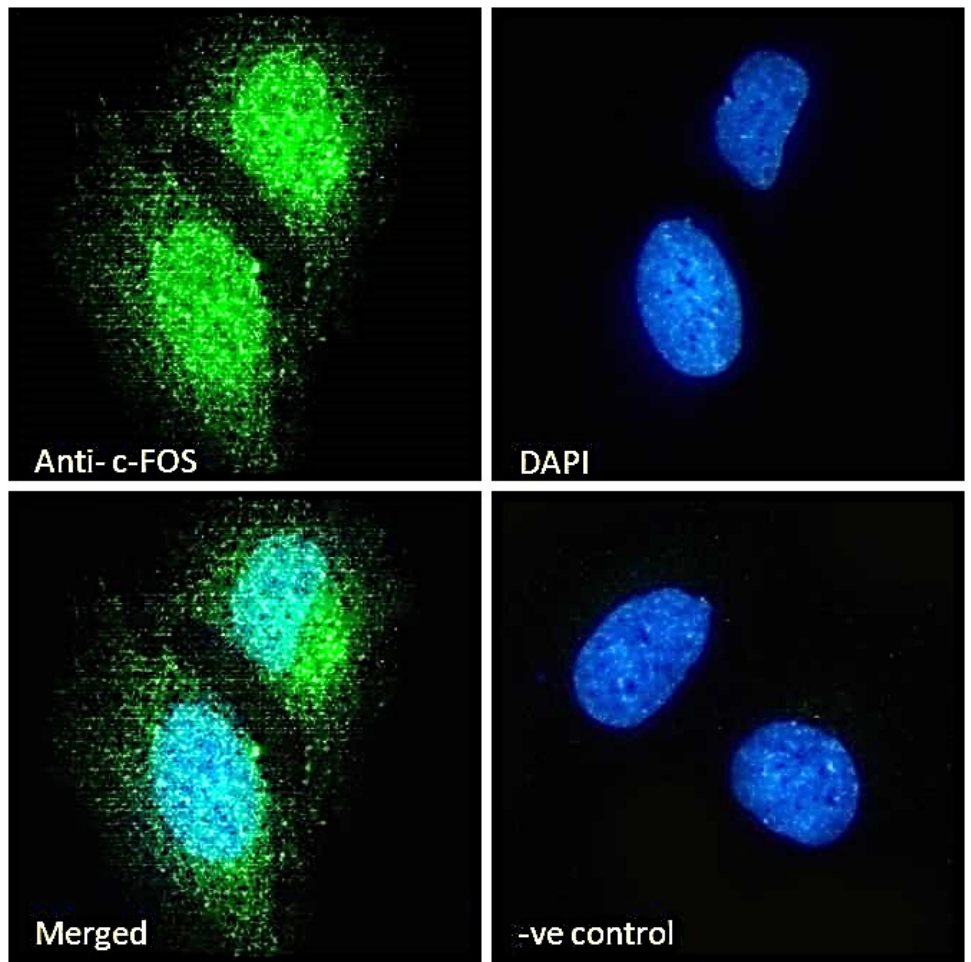
**IHC:** Paraffin embedded Human Tonsil. Recommended concentration: 8µg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the nucleus of HeLa cells, and in the ER and cytoplasm of MCF7 cells. Recommended concentration: 10µg/ml.

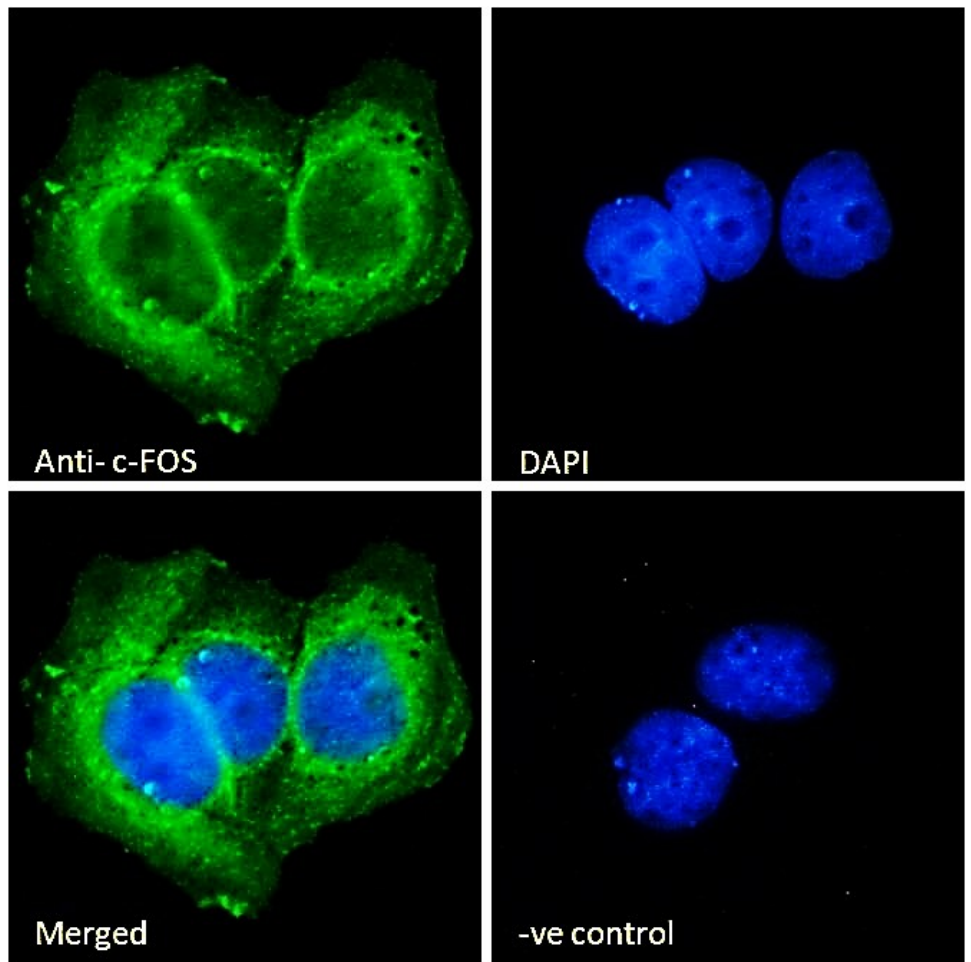
### Species Reactivity

**Tested:** Human

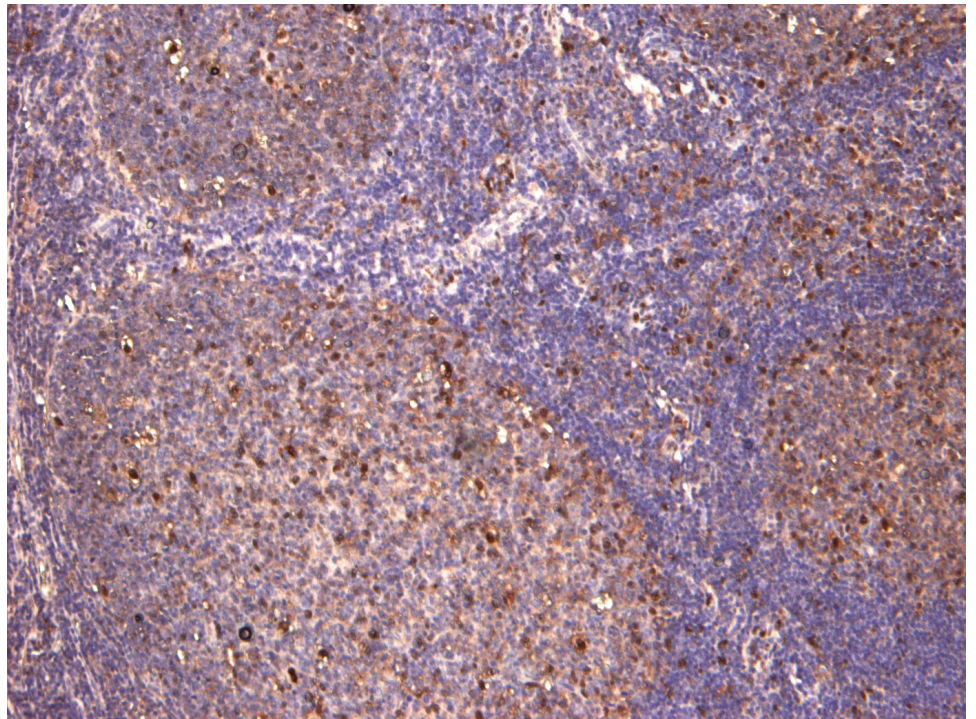
**Expected from sequence similarity:** Human, Dog, Pig, Cow



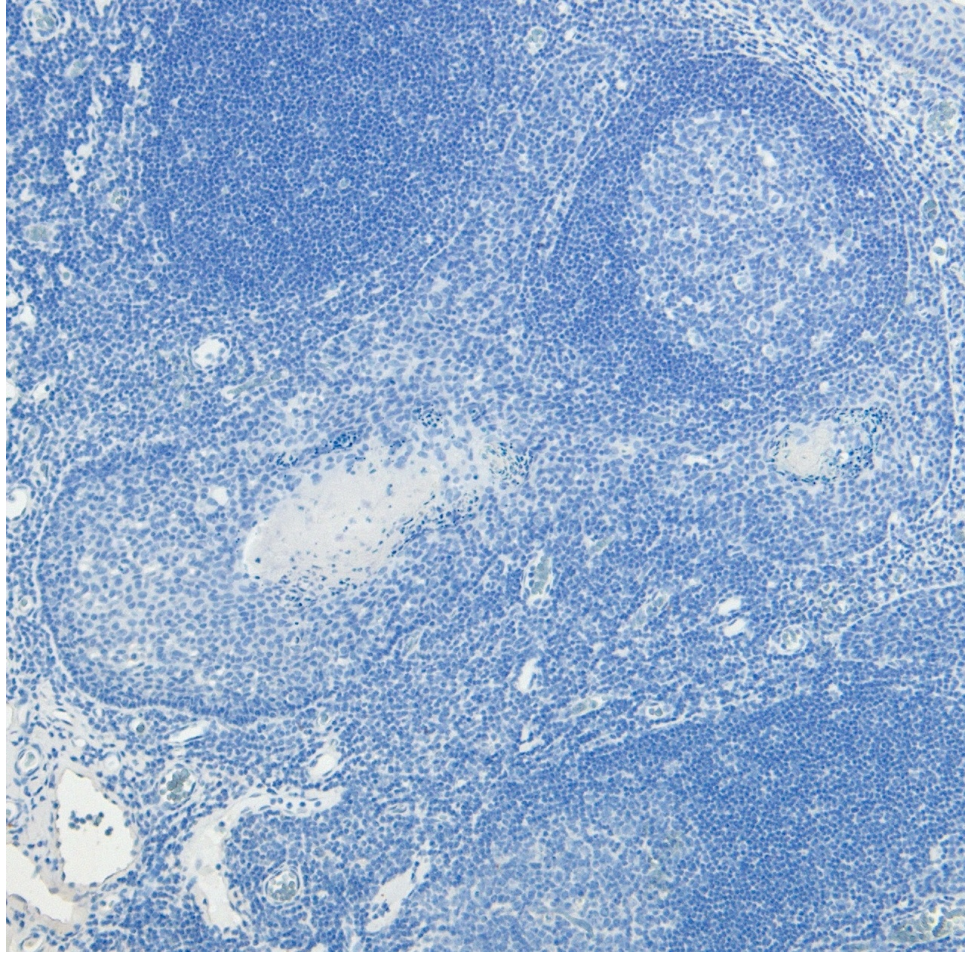
EB11742 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong nuclear and weak cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11742 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB11742 (8 $\mu$ g/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



EB11742 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.