

UK Office

Everest Biotech Ltd

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

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

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.

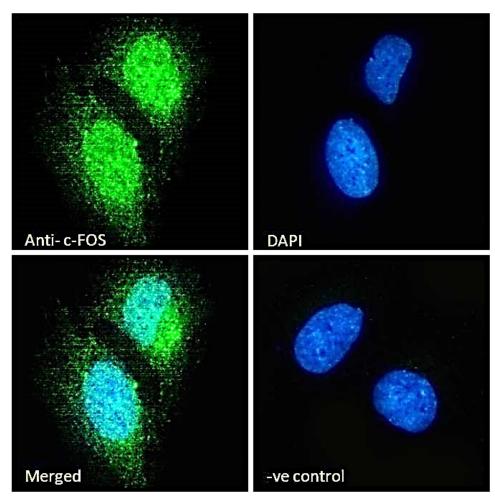
IHC: Paraffin embedded Human Tonsil. Recommended concentration: 8µg/ml.

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.

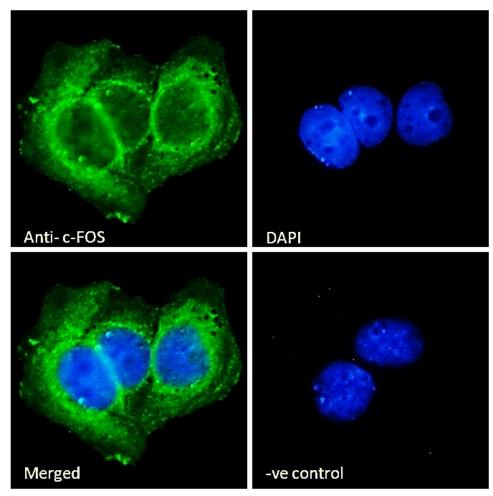
Species Reactivity

Tested: Human

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

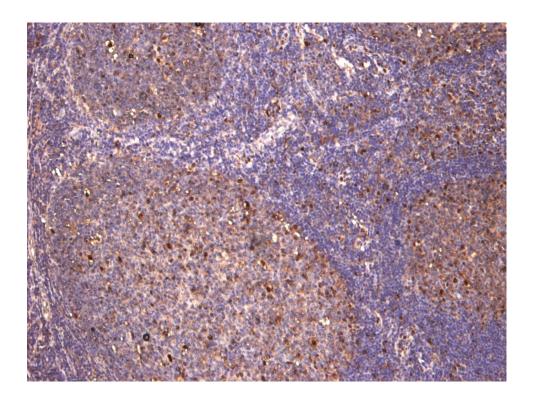


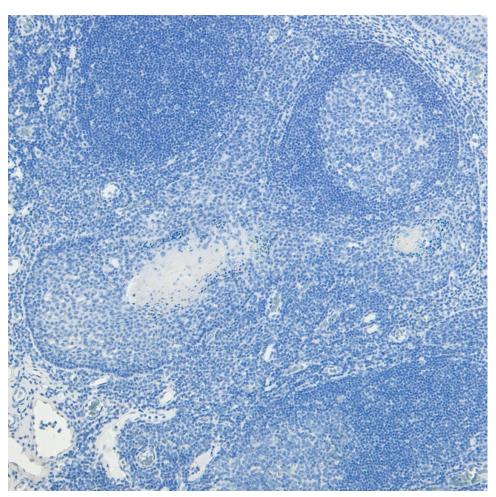
EB11742 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing strong nuclear and weak cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: 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 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.