

#### **International Office**

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# EB09086 - Goat Anti-E2F8 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: E2F8, E2F transcription factor 8, FLJ23311, E2F family member 8

Official Symbol: E2F8

Accession Number(s): NP\_078956.2

Human GenelD(s): 79733

Non-Human GeneID(s): 108961 (mouse)

### **Immunogen**

Peptide with sequence C-KSIESDRRKINSAPS , from the internal region of the protein sequence according to NP\_078956.2.

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 1:32000.

Western blot: Preliminary testing showed a band at approx 80kDa in Human K562 and Mouse Neuro2a cell lysate after  $0.3\mu g/ml$  antibody staining. Primary incubation 1 hour at room temperature.

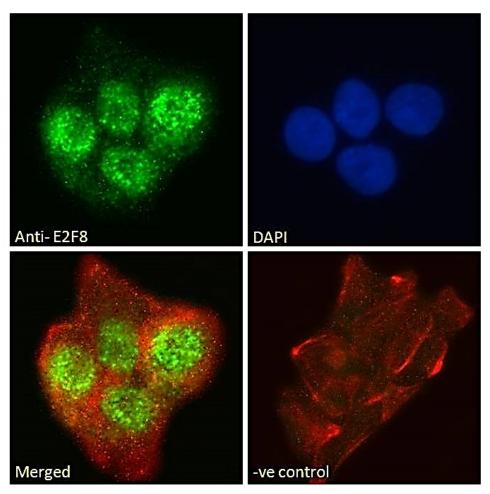
**Immunofluorescence:** Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. Recommended concentration: 10μg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

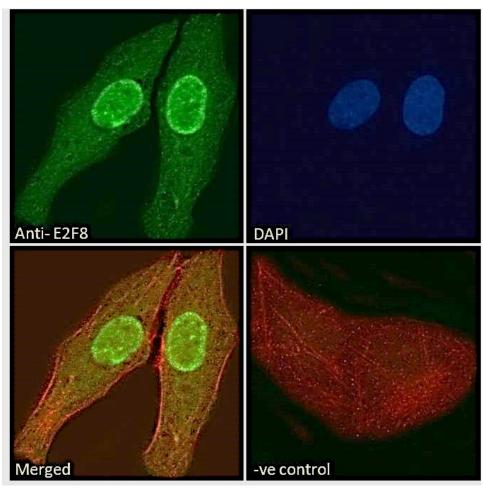
#### **Species Reactivity**

Tested: Human

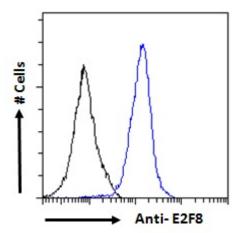
Expected from sequence similarity: Human, Mouse, Cow



EB09086 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09086 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09086 Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.