



## 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.**

## EB11689 - Goat Anti-EEA1 (aa821-835) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** early endosome antigen 1, early endosome antigen 1, 162kD, early endosome-associated protein, EEA1, endosome-associated protein p162, MST105, MSTP105, ZFYVE2, zinc finger FYVE domain-containing protein 2

**Official Symbol:** EEA1

**Accession Number(s):** NP\_003557.2

**Human GeneID(s):** [8411](#)

### Immunogen

Peptide with sequence C-QETKIQHEELNNRIQ, from the internal region of the protein sequence according to NP\_003557.2.

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 1:128000.

**Western blot:** Approx 200kDa band observed in lysates of cell line HEK293 (calculated MW of 162kDa according to NP\_003557.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

**Immunofluorescence:** Strong expression of the protein seen in the vesicles/cytoplasm of NIH3T3 cells. Recommended concentration: 5µg/ml.

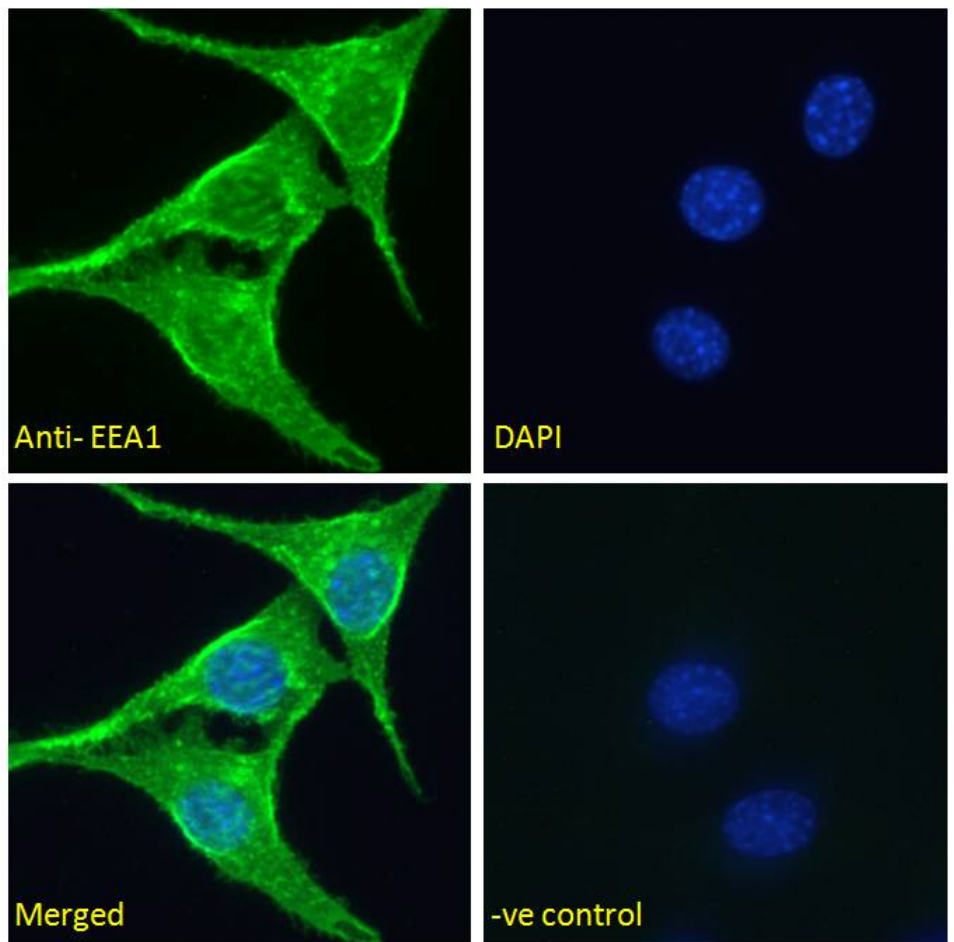
### Species Reactivity

**Tested:** Human, Mouse

**Expected from sequence similarity:** Human



EB11689 (0.3 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB11689 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml), showing vesicle/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml).