



## UK Office

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

## EB05295 - Goat Anti-ELMO3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ELMO3, engulfment and cell motility 3 (ced-12 homolog, C. elegans), CED12, FLJ13824, ced-12 homolog 3, engulfment and cell motility 3, CED-12, ELMO-3

**Official Symbol:** ELMO3

**Accession Number(s):** NP\_078988.3

**Human GeneID(s):** [79767](#)

### Immunogen

Peptide with sequence TNFNFCYDCSIAEP, from the C Terminus of the protein sequence according to NP\_078988.3.

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 1:16000.

**Western blot:** Approx. 75kDa band observed in lysates of cell line A431 and in Human Tonsil lysates (calculated MW of 70.0kDa according to NP\_078988.2). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

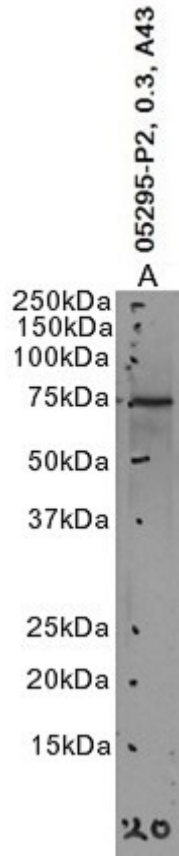
**IHC:** In paraffin embedded Human Prostate shows vesiculate staining in the cytoplasm of secretory cells. Recommended concentration, 5-10µg/ml.

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

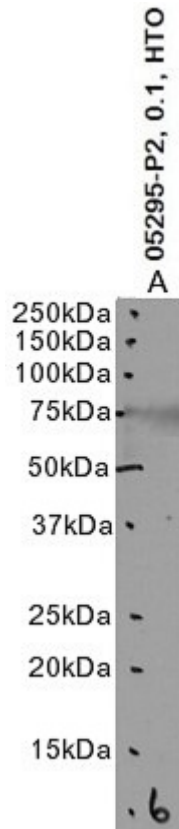
### Species Reactivity

**Tested:** Human

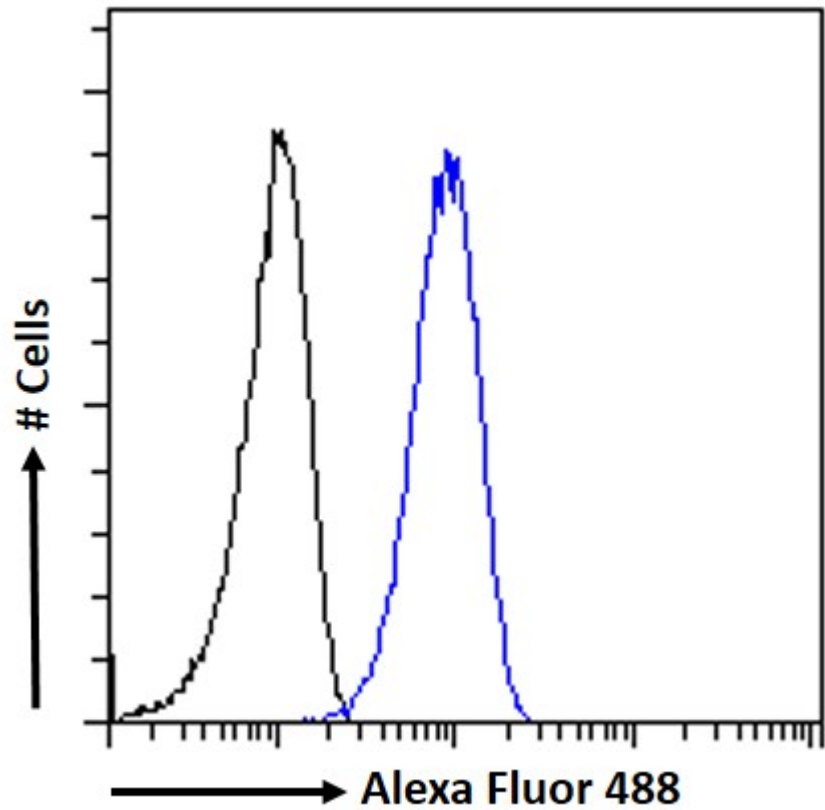
**Expected from sequence similarity:** Human



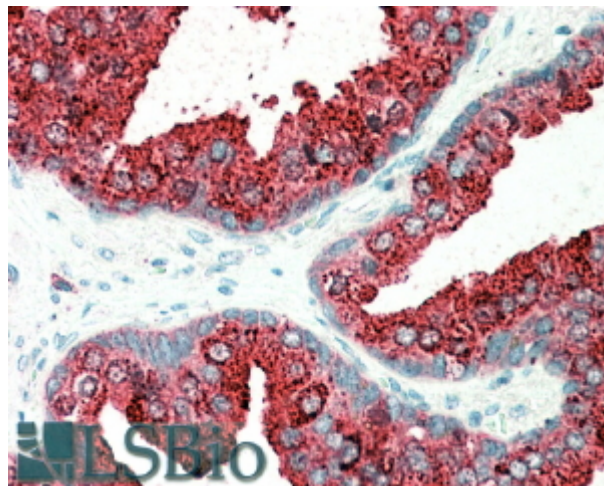
EB05295 optimised QC. Primary incubation 1 hour at room temperature.  
 Image A: A431 cell lysate at primary Ab concentration 0.3ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB05295 optimised QC. Primary incubation 1 hour at room temperature.  
Image A: Human Tonsil lysate at primary Ab concentration 0.1 ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB05295 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.



EB05295 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.