



## International Office

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

## EB09920 - Goat Anti-ZGLP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FLJ39511, FLJ39703, GATA like protein 1, GATA like protein-1, GLP1, GLP-1, zinc finger, GATA-like protein 1, ZGLP1

**Official Symbol:** ZGLP1

**Accession Number(s):** NP\_001096637.1

**Human GeneID(s):** [100125288](#)

**Non-Human GeneID(s):** 100009600 (mouse)

### Immunogen

Peptide with sequence C-EGVTLKFQIKPDS, from the internal region of the protein sequence according to NP\_001096637.1.

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 1:8000.

**Western blot:** Preliminary experiments gave an approx 35kDa band in Human Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band, given the calculated size of 29.6kDa according to NP\_001096637.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.

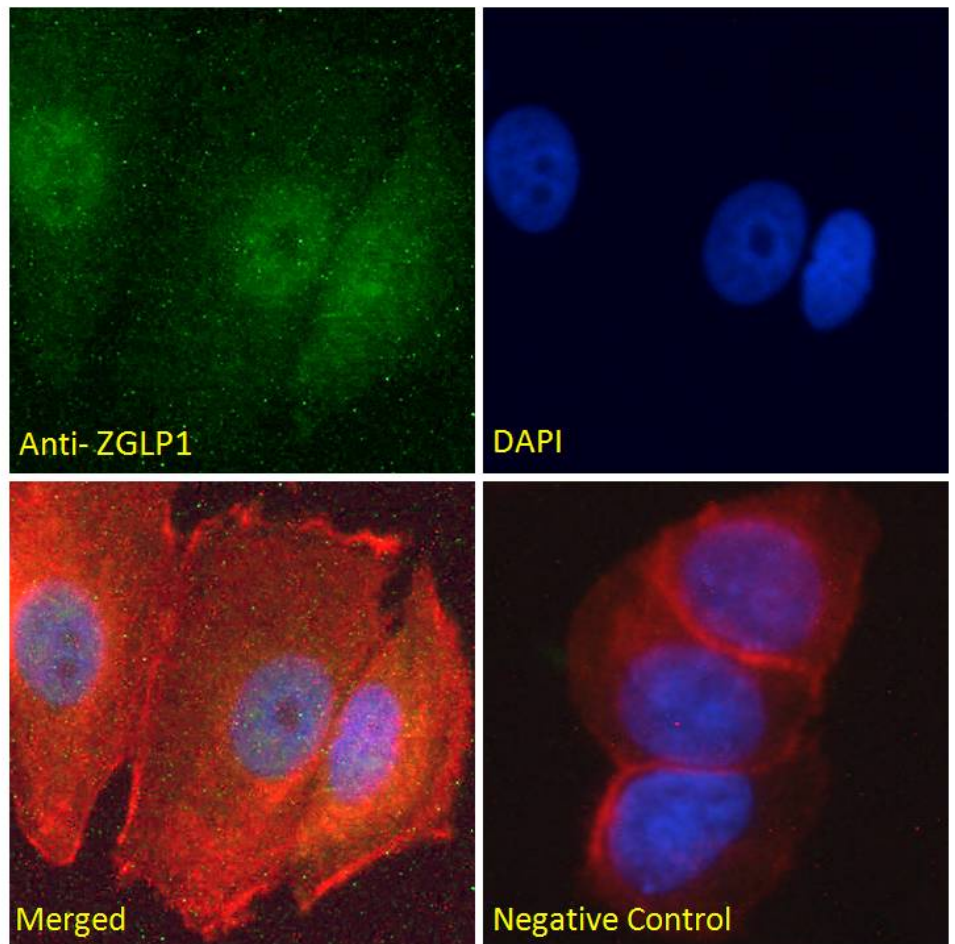
**Immunofluorescence:** Strong expression of the protein seen in the nucleus of MCF7 and U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml.

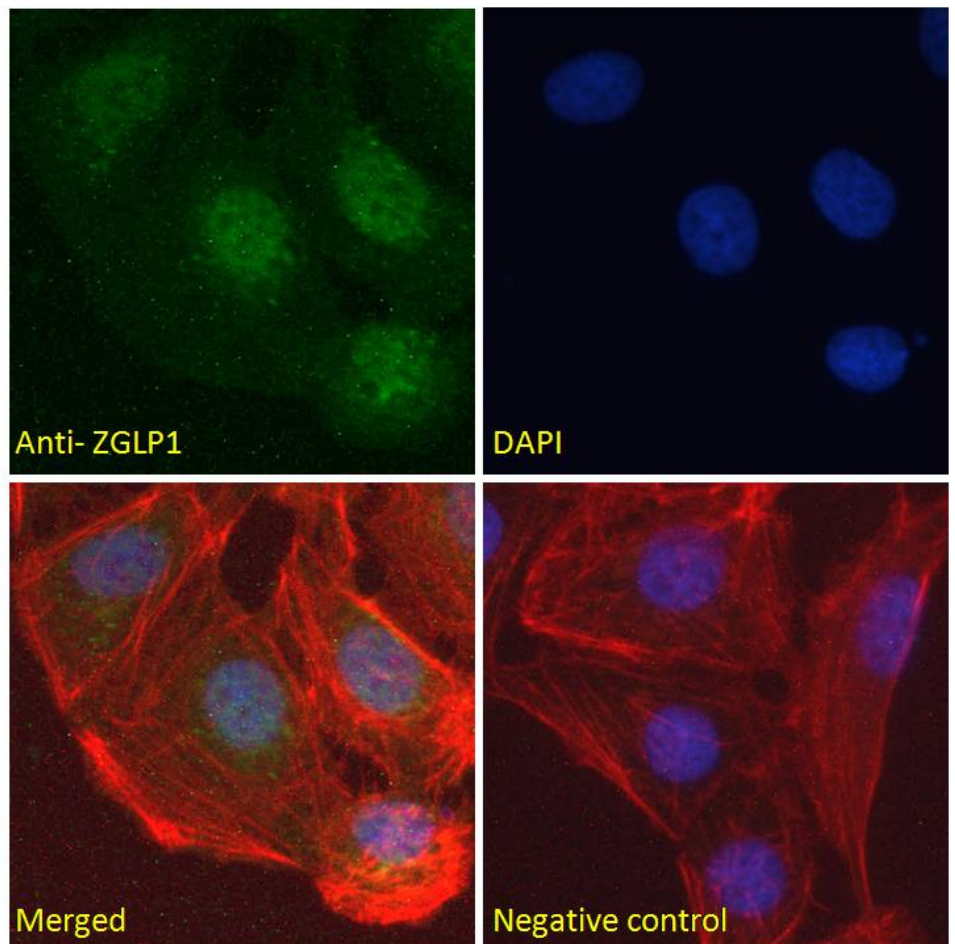
### Species Reactivity

**Tested:** Human

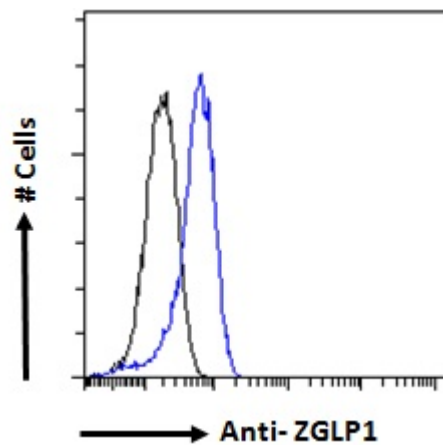
**Expected from sequence similarity:** Human, Mouse, Cow



EB09920 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 nuclear and vesicle 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).



EB09920 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 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).



EB09920 Flow cytometric analysis of paraformaldehyde fixed K562 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.