



## International Office

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

## EB05878 - Goat Anti-GERP / TRIM8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TRIM8, tripartite motif-containing 8, GERP, RNF27, ring finger protein 27, tripartite motif protein TRIM8, glioblastoma expressed ring finger protein, RP11-47A8.4

**Official Symbol:** TRIM8

**Accession Number(s):** NP\_112174.2; NP\_001332879.1

**Human GeneID(s):** [81603](#)

**Non-Human GeneID(s):** 93679 (mouse)

### Immunogen

Peptide with sequence C-YGQPSTKHYVTS, from the C Terminus of the protein sequence according to NP\_112174.2; NP\_001332879.1.

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 Kidney. Recommended concentration: 4µg/ml.

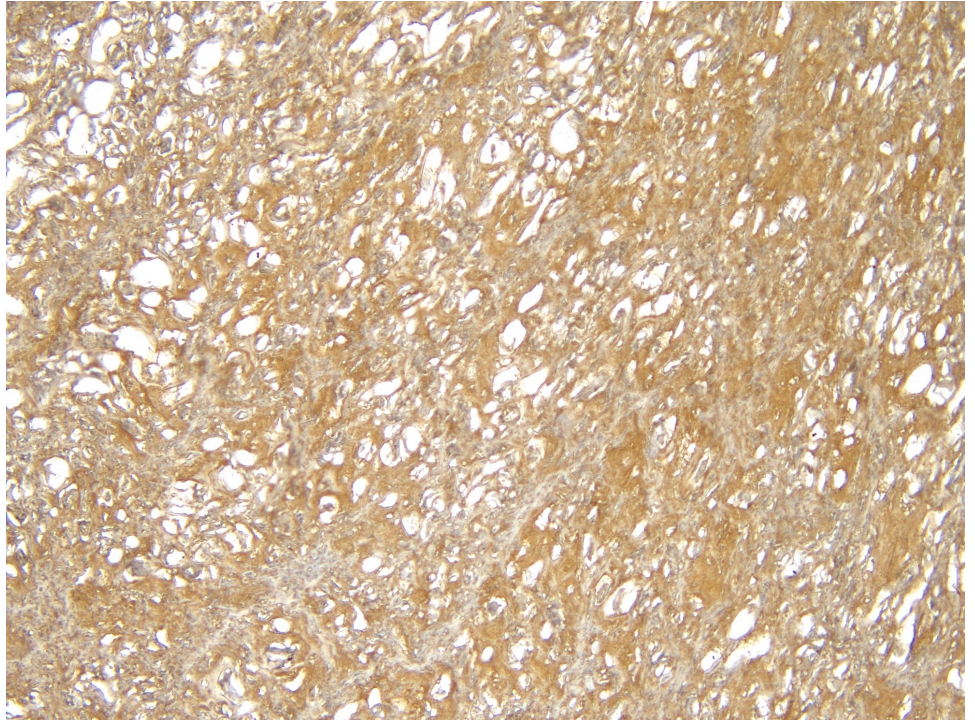
**Immunofluorescence:** Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

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

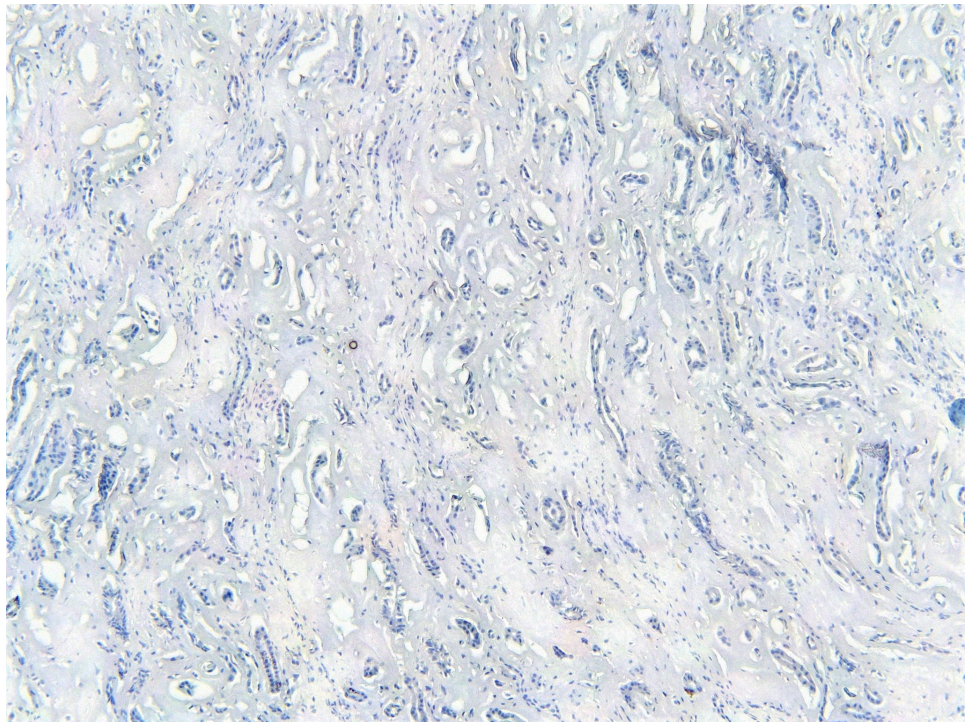
### Species Reactivity

**Tested:** Human

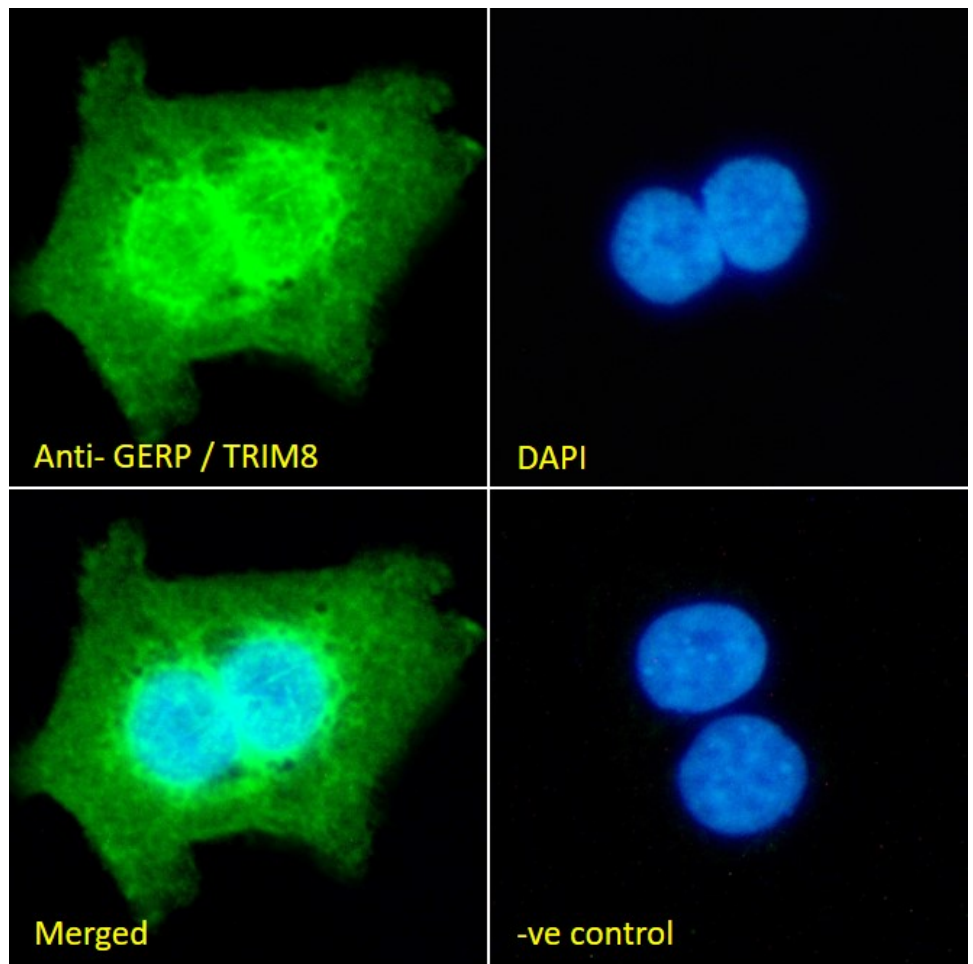
**Expected from sequence similarity:** Human, Mouse, Rat, Cow



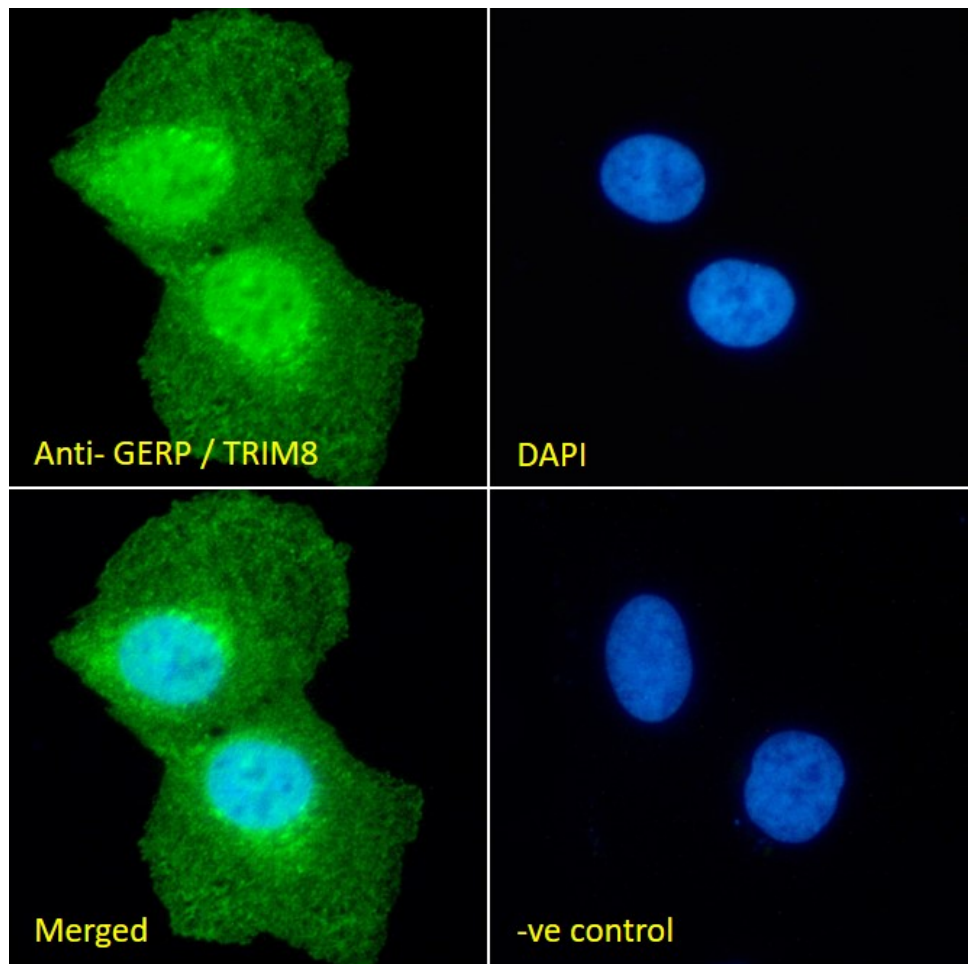
EB05878 (4 $\mu$ g/ml) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



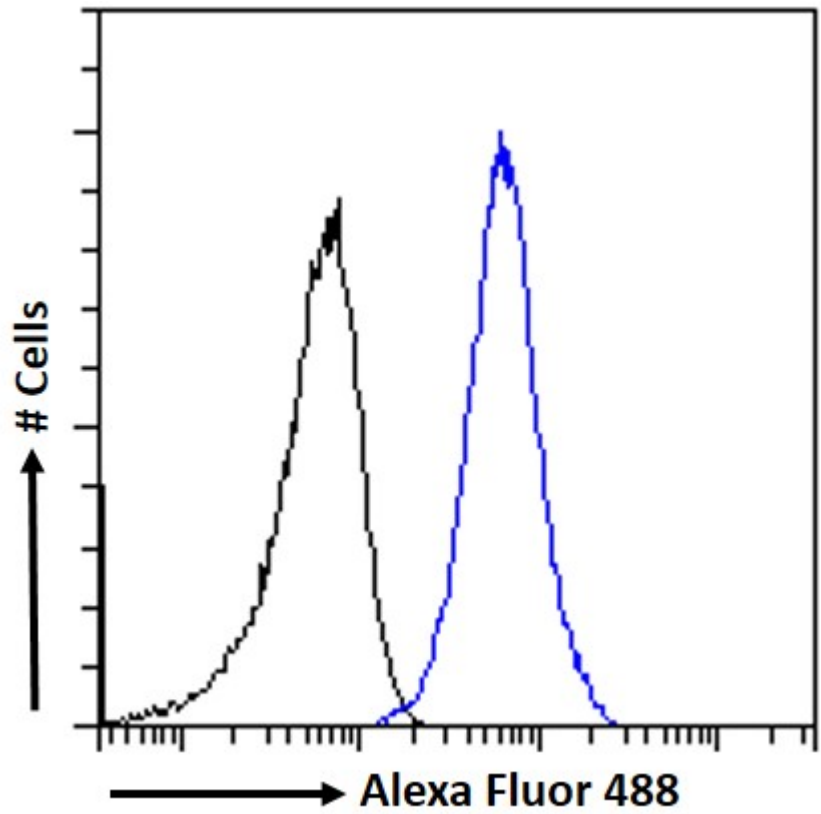
EB05878 Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



EB05878 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. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05878 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. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05878 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.