



## UK Office

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

## EB05837 - Goat Anti-RNF3 (247 aa isoform) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RNF3, DONG1, RNF3A, MGC40413, ring finger protein 3, PCGF3, polycomb group ring finger 3, DKFZp686D20235, FLJ36550, FLJ43813, MGC129615

**Official Symbol:** PCGF3

**Accession Number(s):** NP\_006306.2; NP\_001382179.1

**Human GeneID(s):** [10336](#)

**Non-Human GeneID(s):** 69587 (mouse)

**Important Comments:** This antibody is expected to recognise tisoforms NP\_001382179.1 and NP\_006306.2, not the 132 aa isoform (NP\_694982).

### Immunogen

Peptide with sequence C-PLLLHYRPKMDLL, from the C Terminus of the protein sequence according to NP\_006306.2; NP\_001382179.1.

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 1:2000.

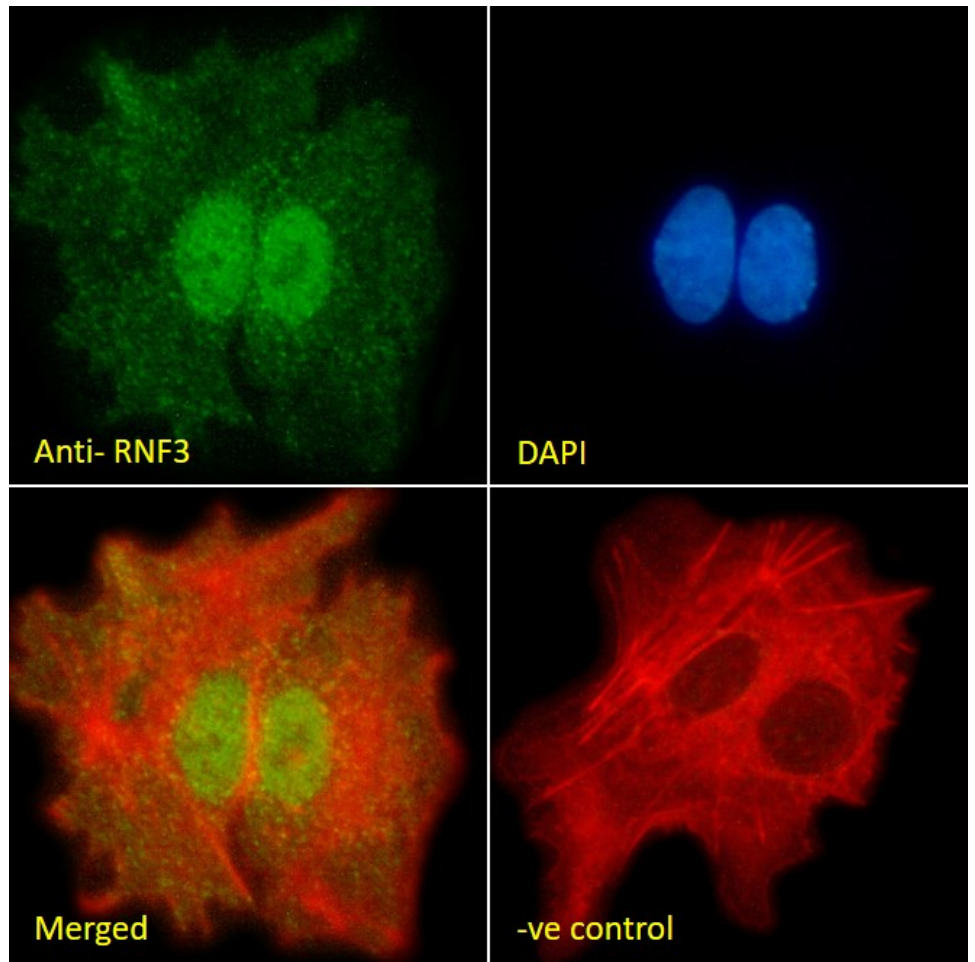
**Immunofluorescence:** Strong expression of the protein seen in the nuclei of HepG2 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

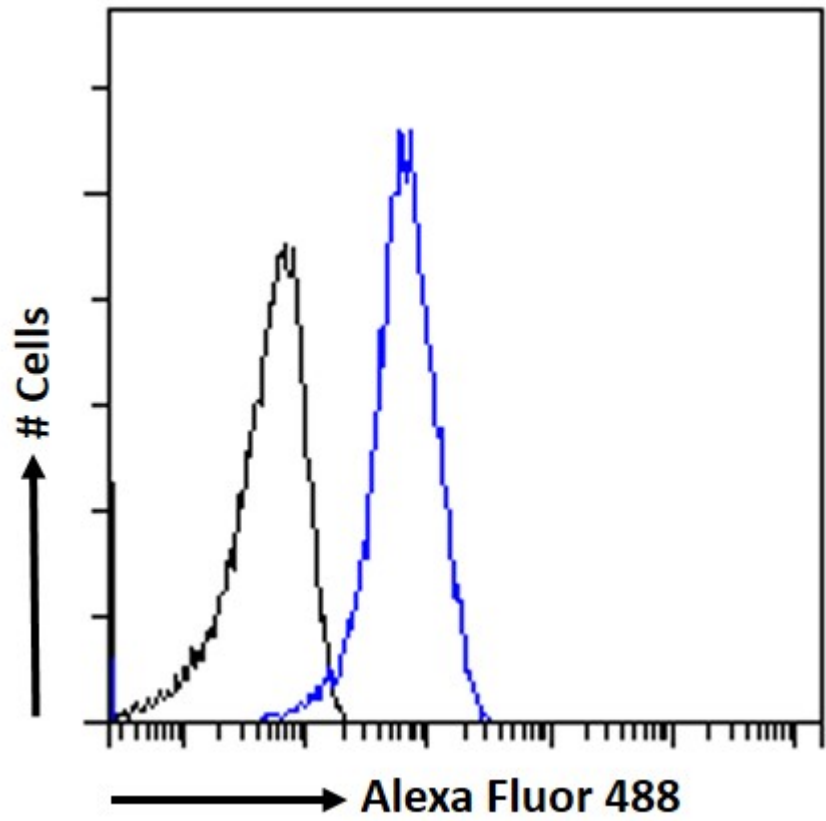
### Species Reactivity

**Tested:** Human

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



EB05837 Immunofluorescence analysis of paraformaldehyde fixed HepG2 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).



EB05837 Flow cytometric analysis of paraformaldehyde fixed HepG2 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.