

## International Office

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

## EB09553 - Goat Anti-PDGFB precursor Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PDGFB, platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog), FLJ12858, PDGF2, SIS, SSV, c-sis, PDGF, B chain, Platelet-derived growth factor, beta polypeptide (oncogene SIS), becaplermin, oncogene SIS, platelet-derived growth factor 2, platelet-derived growth factor beta, platelet-derived growth factor, B chain, v-sis platelet-derived growth factor beta polypeptide (simian sarcoma viral oncogene homolog)

**Official Symbol:** PDGFB

**Accession Number(s):** NP\_002599.1; NP\_148937.1

**Human GeneID(s):** [5155](#)

**Non-Human GeneID(s):** 18591 (mouse), 24628 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 and 2 (NP\_002599.1; NP\_148937.1).

### Immunogen

Peptide with sequence C-KHRKFKHTHDKT, from the C Terminus of the protein sequence according to NP\_002599.1; NP\_148937.1.

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.

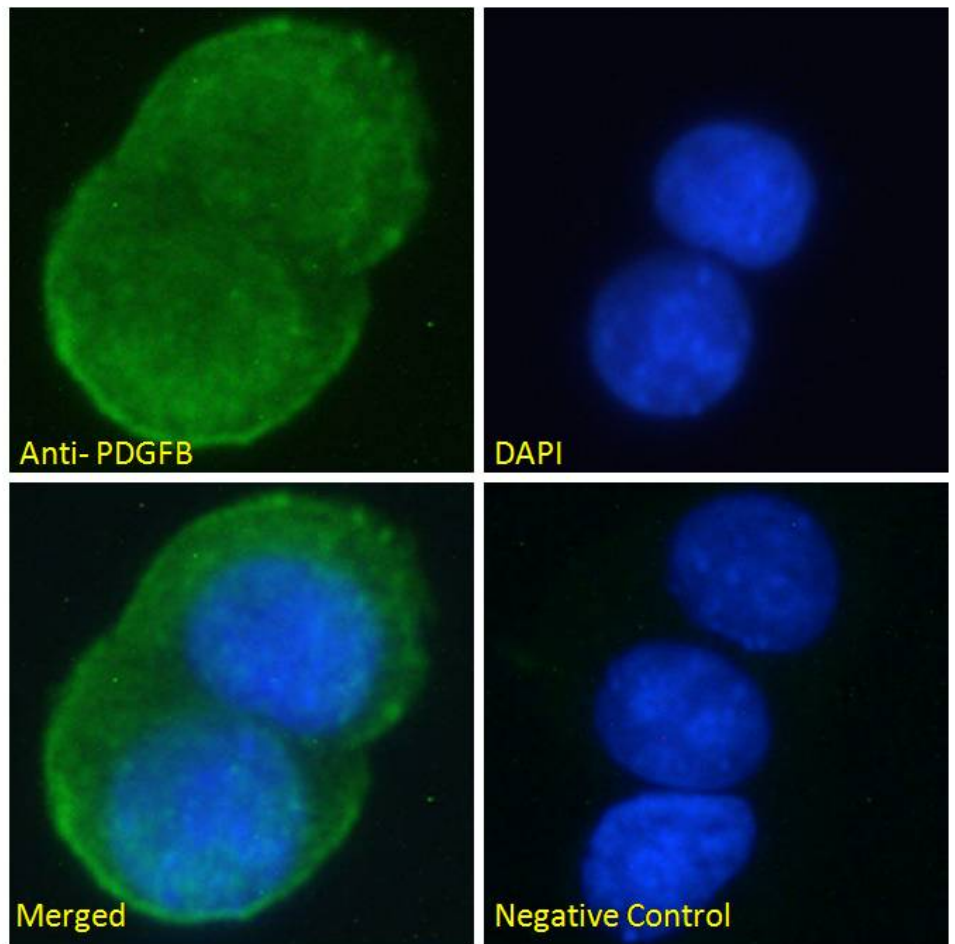
**Immunofluorescence:** Strong expression of the protein seen in the vesicles of MCF7 cells. Recommended concentration: 10µg/ml.

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

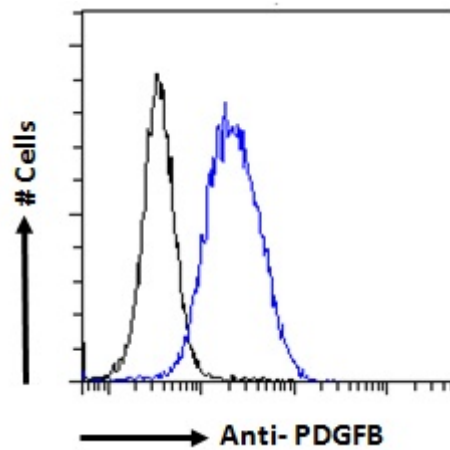
### Species Reactivity

**Tested:** Human

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



EB09553 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 vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB09553 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.