



## UK Office

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

## EB09426 - Goat Anti-PLA2R1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PLA2R1, phospholipase A2 receptor 1, 180kDa, CLEC13C, PLA2-R, PLA2G1R, PLA2IR, PLA2R, phospholipase A2 receptor 1

**Official Symbol:** PLA2R1

**Accession Number(s):** NP\_031392.3; NP\_001007268.1; NP\_001182570.1

**Human GeneID(s):** [22925](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_031392.3; NP\_001007268.1; NP\_001182570.1).

### Immunogen

Peptide with sequence C-EKKKDTPKQHGT, from the Internal region of the protein sequence according to NP\_031392.3; NP\_001007268.1; NP\_001182570.1.

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 1:1000.

**Western blot:** Preliminary testing showed a band at approx 150kDa in HeLa cell lysate after 2µg/ml antibody staining (calculated MW of 153kDa according to NP\_001007268.1 Primary incubation 1 hour at room temperature.

**Flow Cytometry:** Flow cytometric analysis of HEK293 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Pig

EB09426 Flow cytometric analysis of paraformaldehyde fixed HEK293 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.