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

EB06909 - Goat Anti-GDF15 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GDF15, PDF, MIC1, PLAB, MIC-1, NAG-1, PTGFB, GDF-15, growth differentiation factor 15, PTGF-beta, prostate differentiation factor, NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1

Official Symbol: GDF15

Accession Number(s): NP_004855.2

Human GeneID(s): [9518](#)

Immunogen

Peptide with sequence C-QKTDGTGVS LQTYDD, from the C Terminus of the protein sequence according to NP_004855.2.

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 1:4000.

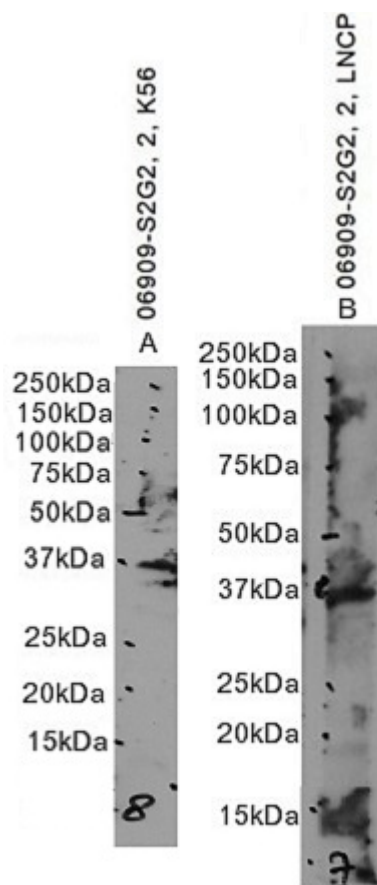
Western blot: Approx. 35-37kDa band observed in lysates of cell lines K562 and LNCaP, and approx. 35-37kDa in preliminary testing of HepG2 cell lysate, and in Mouse and Rat Testes lysate (calculated MW of 34.1kDa according to NP_004855.2). Recommended concentration 1-2ug/ul. Primary incubation 1 hour at room temperature.

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

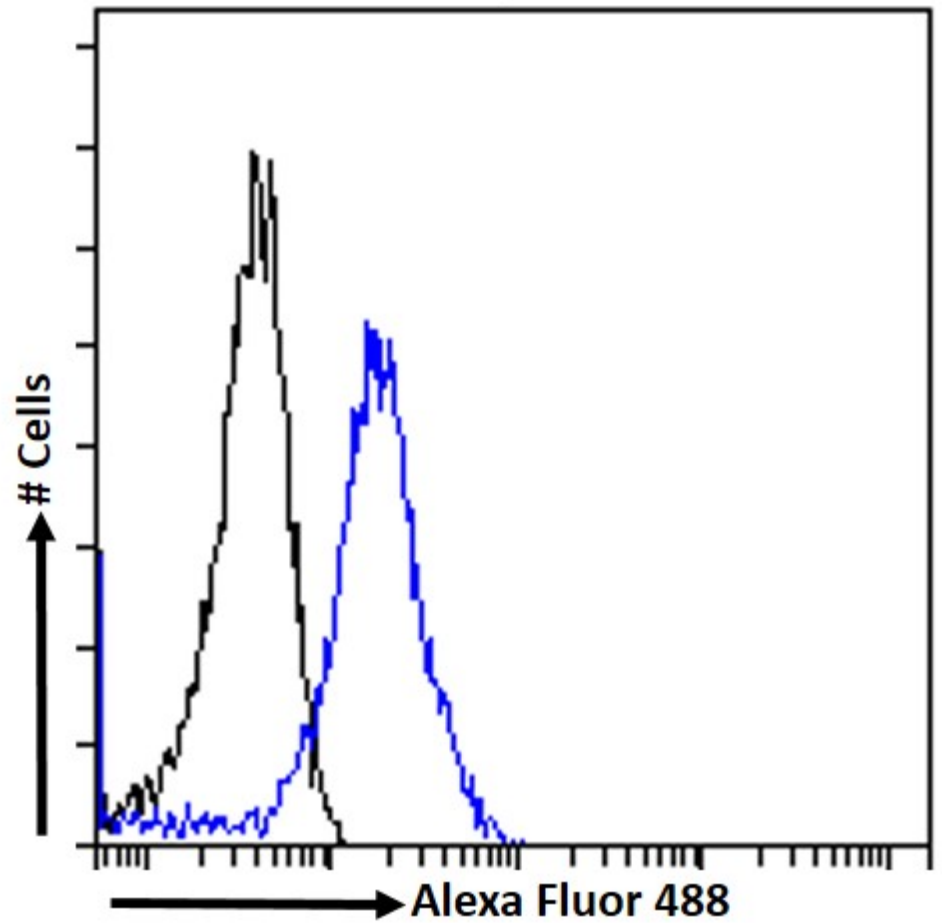
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06909 optimised QC. Primary incubation 1 hour at room temperature.
 Images A, B: K562 and LNCaP cell lysate at primary Ab concentration 2µg/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB06909 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® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.