## UK Office

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# EB08772 - Goat Anti-APOLD1 / VERGE Antibody

Size: 100µg specific antibody in 200µl

## Target Protein

**Principal Names:** APOLD1, apolipoprotein L domain containing 1, DKFZP434F0318, FLJ25138, VERGE
**Official Symbol:** APOLD1
**Accession Number(s):** NP_110444.3; NP_001123887.1
**Human GeneID(s):** 81575

## Immunogen

Peptide with sequence C-KSSRGHDLKISADQ, from the C Terminus of the protein sequence according to NP_110444.3; NP_001123887.1.

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.

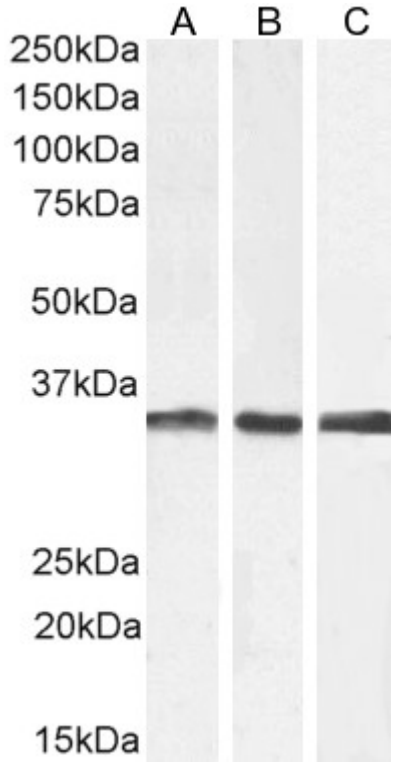
## Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:2000.
**Western blot:** Approx. 35kDa band observed in lysates of cell lines A431, Jurkat and U251 (calculated MW of 30.5kDa according to Human NP_001123887.1).This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2ug/ml. Primary incubation 1 hour at room temperature.

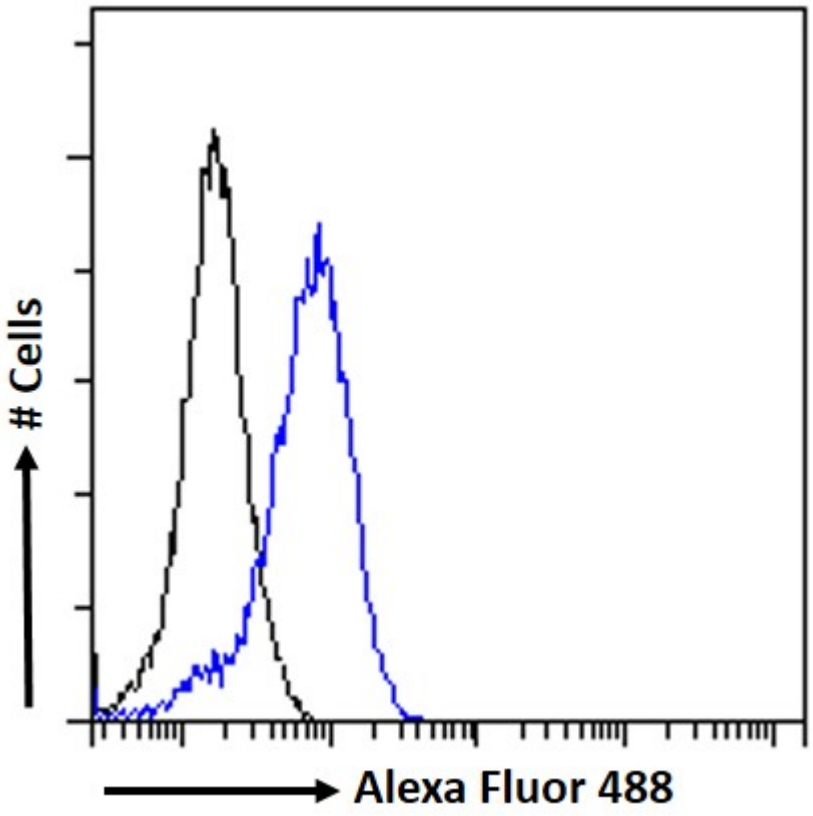
**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human




EB09741 (2µg/ml) staining of A431 (A), Jurkat (B), and U251 (C) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.




EB08772 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.