



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB08710 - Goat Anti-ABCD3 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCD3, ATP-binding cassette, sub-family D (ALD), member 3, ABC43, PMP70, PXMP1, ATP-binding cassette, sub-family D, member 3, Peroxisomal membrane protein-1 (70kD), dJ824O18.1 (ATP-binding cassette, sub-family D (ALD), member 3 (PMP70, PXMP1)), peroxisomal membrane protein 1 (70kD, Zellweger syndrome)

**Official Symbol:** ABCD3

**Accession Number(s):** NP\_002849.1

**Human GeneID(s):** [5825](#)

**Non-Human GeneID(s):** 19299 (mouse), 25270 (rat)

**Important Comments:** This antibody is expected to recognize one isoform (NP\_002849.1) only.

### Immunogen

Peptide with sequence C-PDGREDQKRKGISD, from the internal region of the protein sequence according to NP\_002849.1.

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 1:16000.

**IHC:** In paraffin embedded Human Testis shows vesicular staining in Sertoli cells.

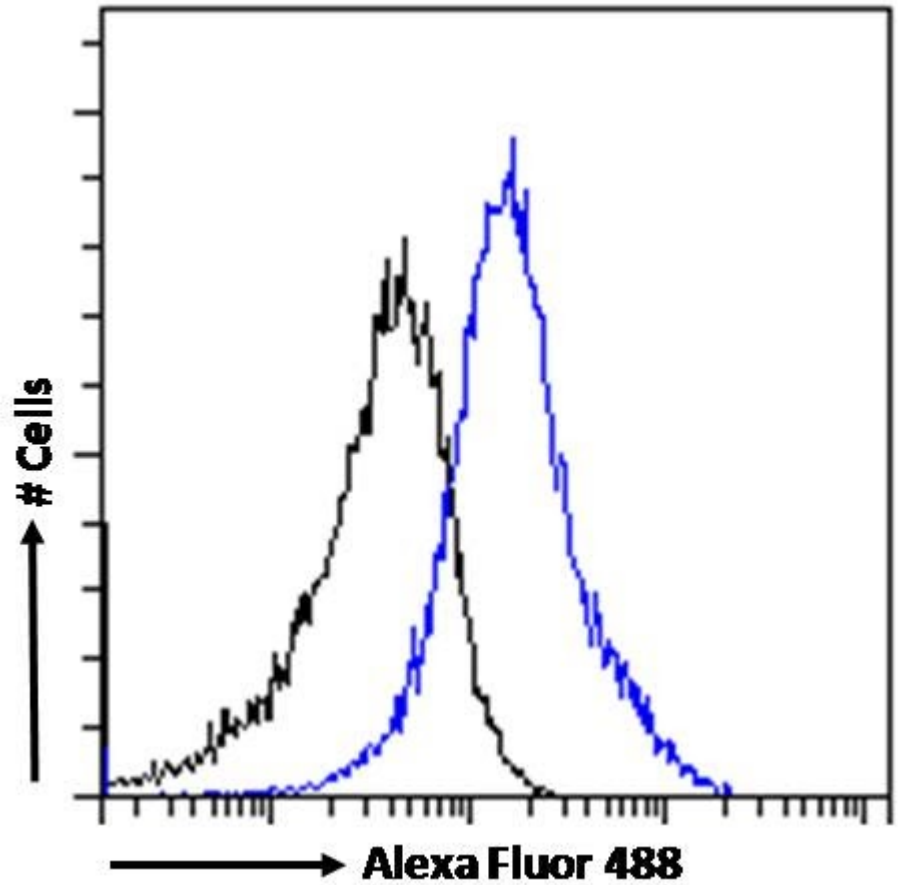
Recommended concentration: 2.5-3.8µg/ml.

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

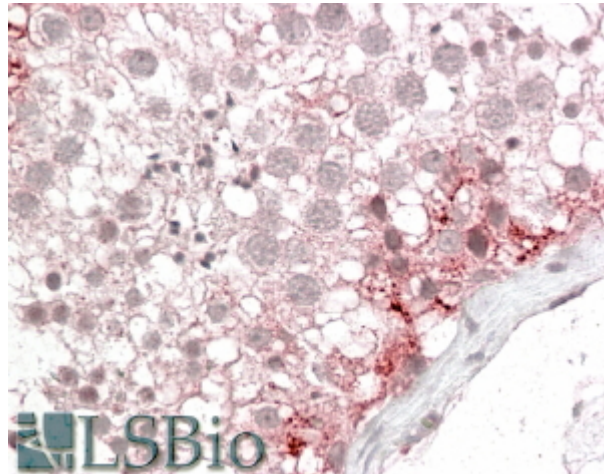
### Species Reactivity

**Tested:** Human

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



EB08710 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.



EB08710 (3.8µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.