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**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.

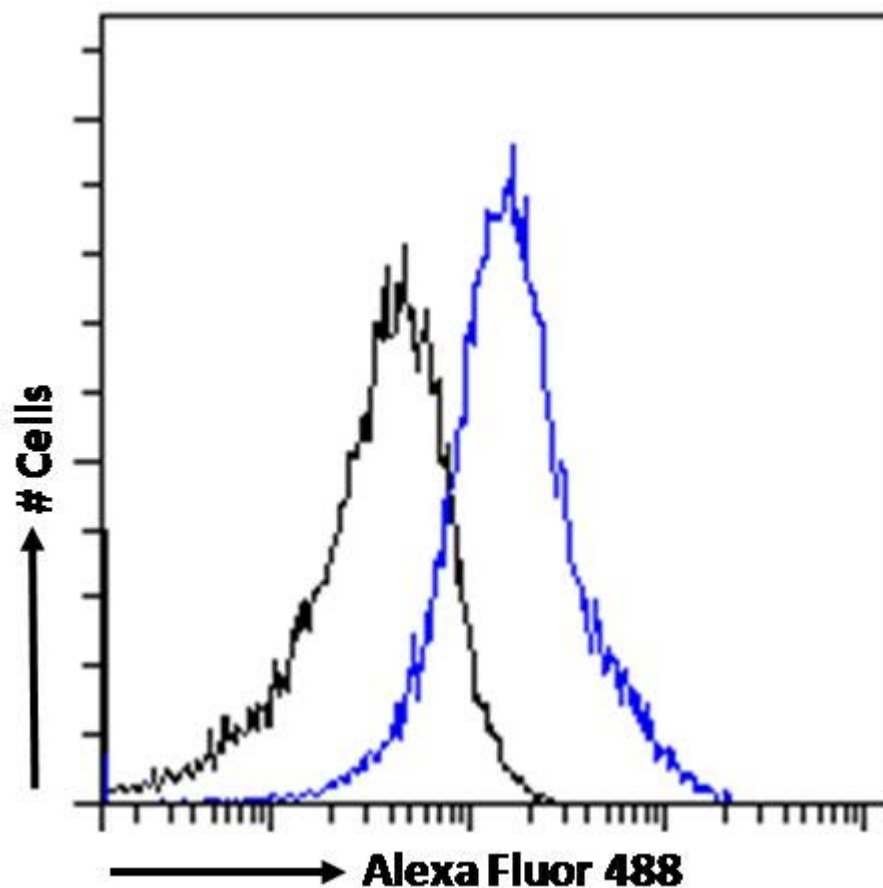
Recommended concentration: 2.5-3.8µg/ml.

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

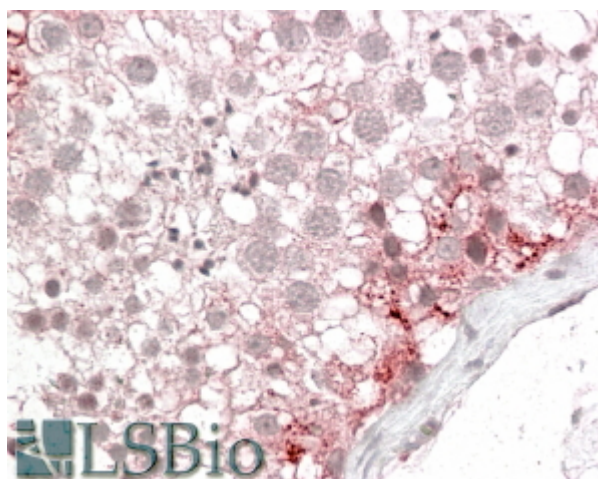
Species Reactivity

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.