

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB06467 - Goat Anti-VAV3 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: VAV3, vav 3 oncogene, vav 3 guanine nucleotide exchange factor,

FLJ40431

Official Symbol: VAV3

Accession Number(s): NP\_006104.4; NP\_001073343.1

Human GenelD(s): 10451

**Important Comments:** This antibody is expected to recognize both reported isoforms

(NP\_006104.4; NP\_001073343.1).

### **Immunogen**

Peptide with sequence C-SGEQGTLKLPEK, from the internal region of the protein sequence according to NP\_006104.4; NP\_001073343.1.

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 1:32000.

IHC: Paraffin embedded Human Spleen. Recommended concentration: 7.5µg/ml.

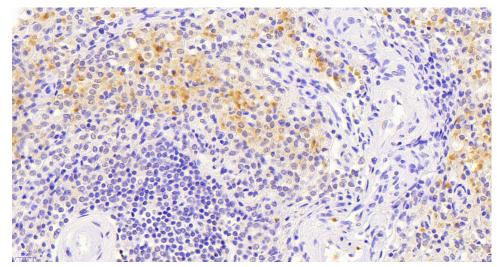
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml.

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

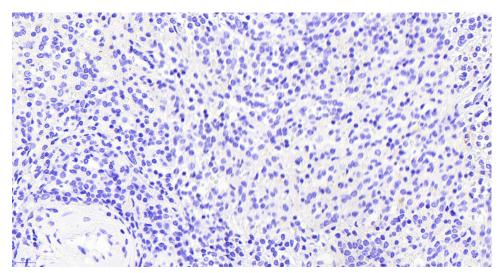
### **Species Reactivity**

Tested: Human

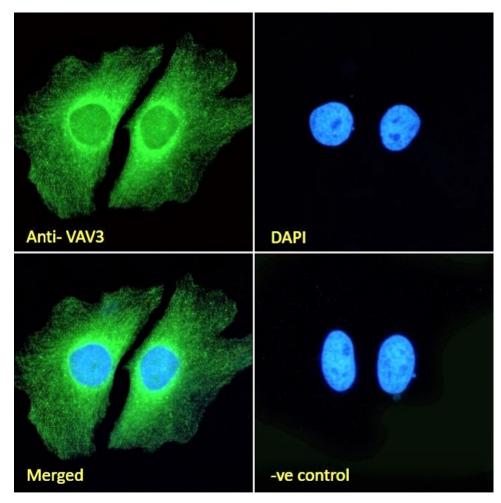
Expected from sequence similarity: Human



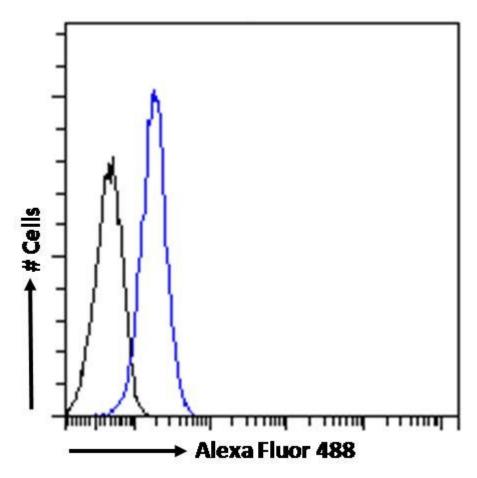
EB06467 (7.5 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



 ${\sf EB06467\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Spleen,\ with\ no\ primary\ antibody.}$ 



EB06467 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06467 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 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.