



## UK Office

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**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 GeneID(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.

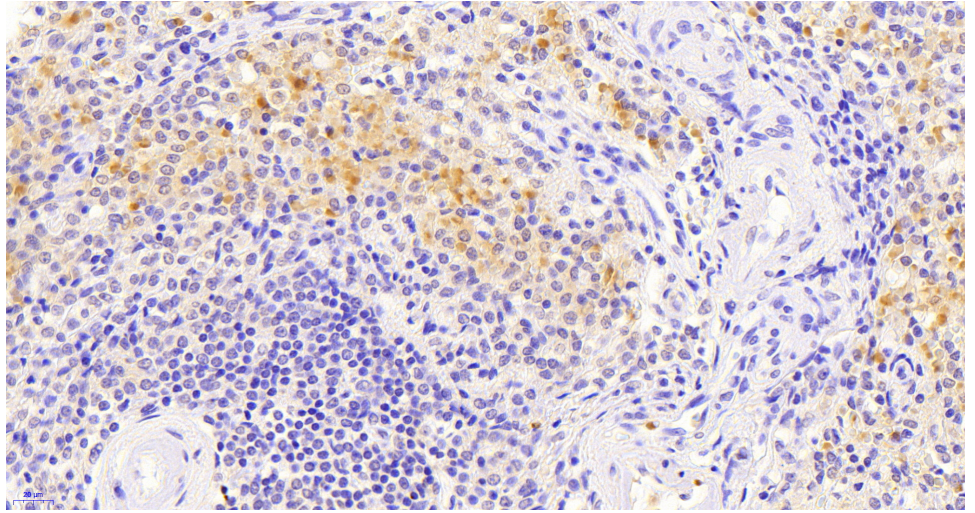
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm of HeLa cells. Recommended concentration: 10µg/ml.

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

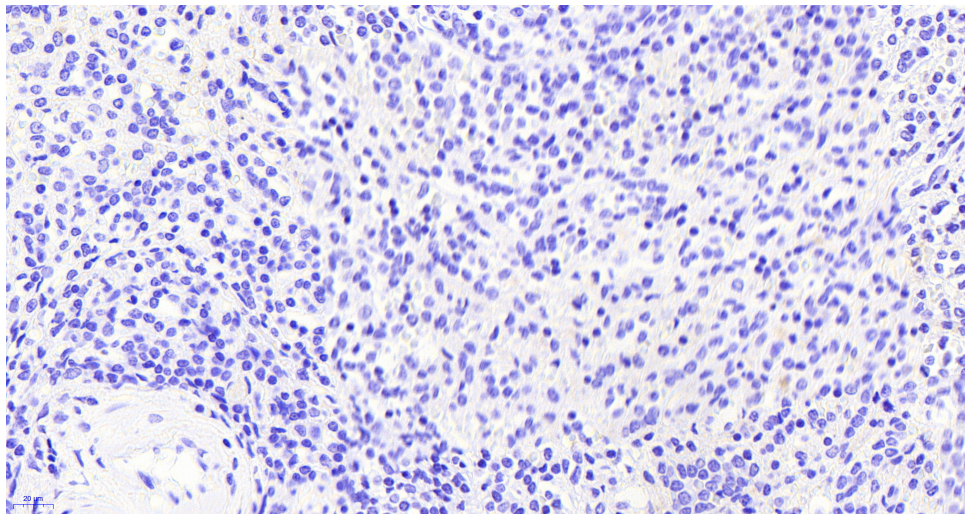
### Species Reactivity

**Tested:** Human

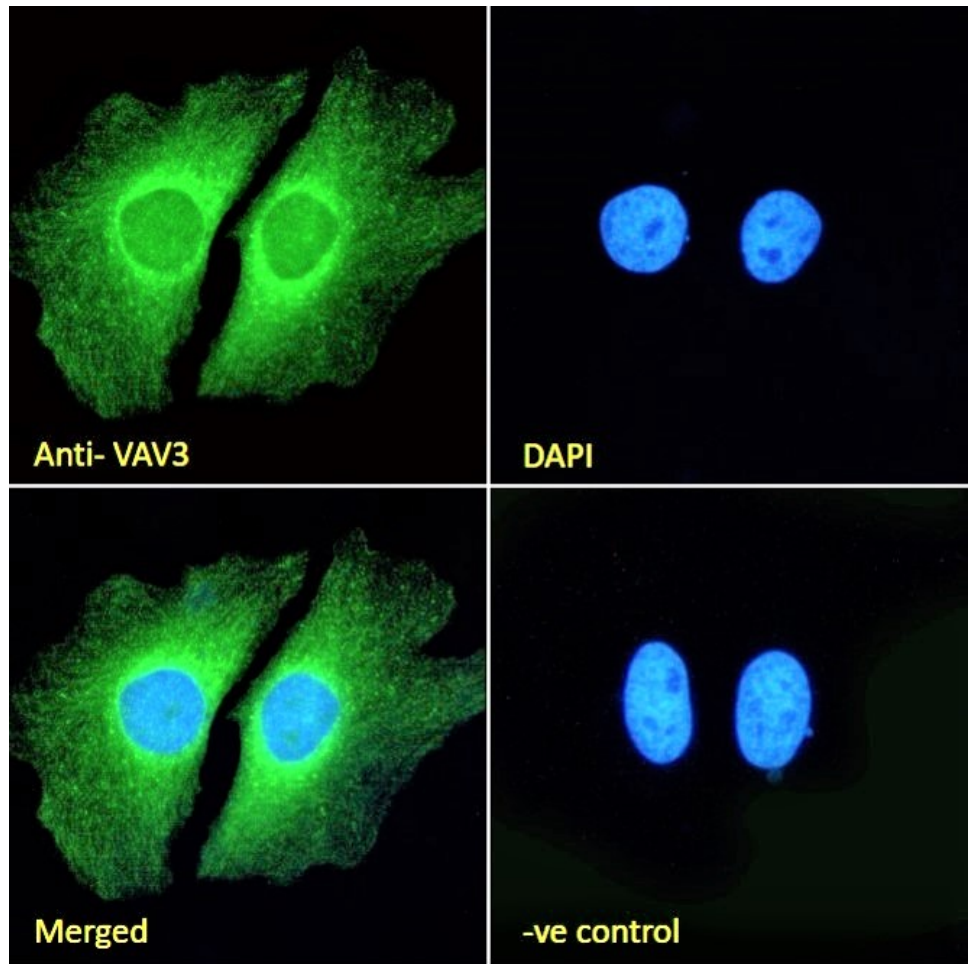
**Expected from sequence similarity:** Human



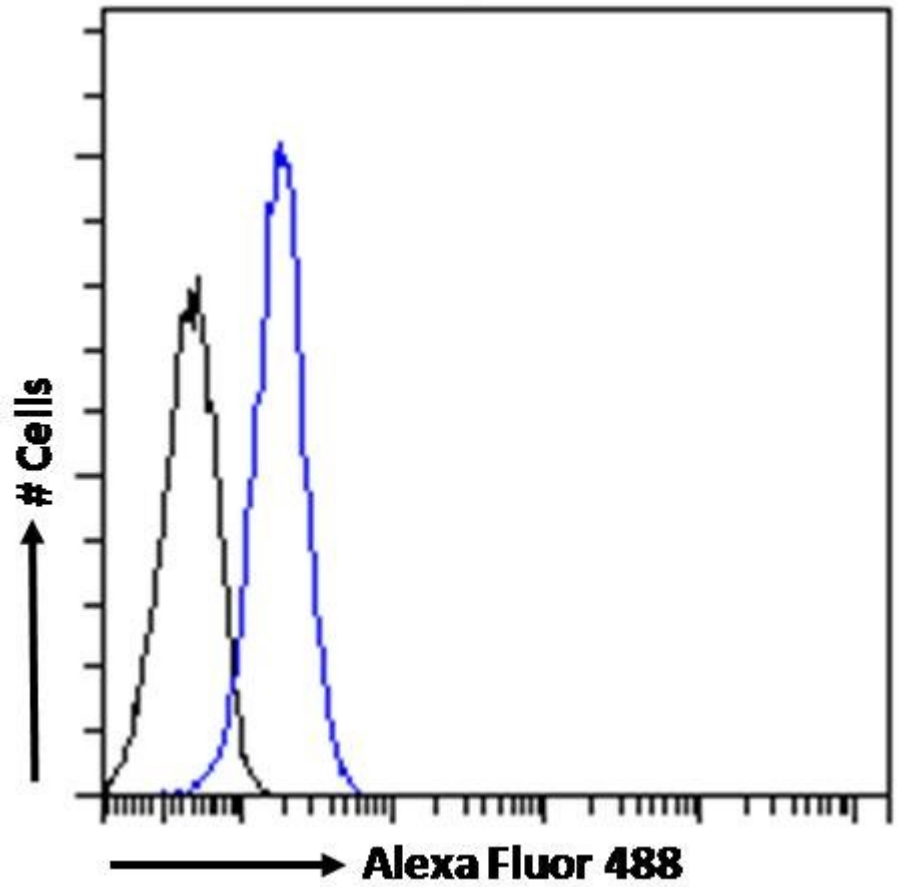
EB06467 (7.5µg/ml) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



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.