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

EB06182 - Goat Anti-TIAM1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TIAM1, T-cell lymphoma invasion and metastasis 1, human
T-lymphoma invasion and metastasis inducing TIAM1 protein

Official Symbol: TIAM1

Accession Number(s): NP_003244; NP_001340613.1; NP_001340614.1;
NP_001340615.1; NP_001340616.1

Human GeneID(s): [7074](#)

Non-Human GeneID(s): 21844 (mouse)

Immunogen

Peptide with sequence C-EDFAPSRKLNTEI, from the C Terminus of the protein
sequence according to NP_003244; NP_001340613.1; NP_001340614.1;
NP_001340615.1; NP_001340616.1.

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 1:128000.

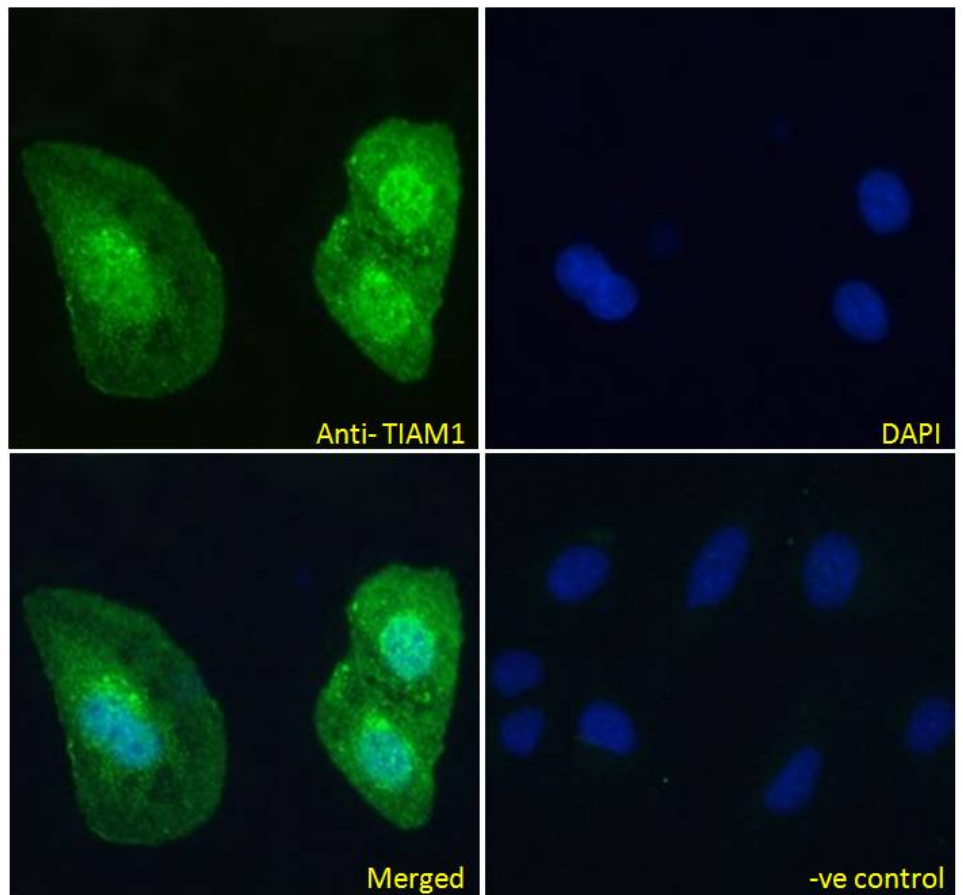
Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei
of U2OS cells. Recommended concentration: 10µg/ml.

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

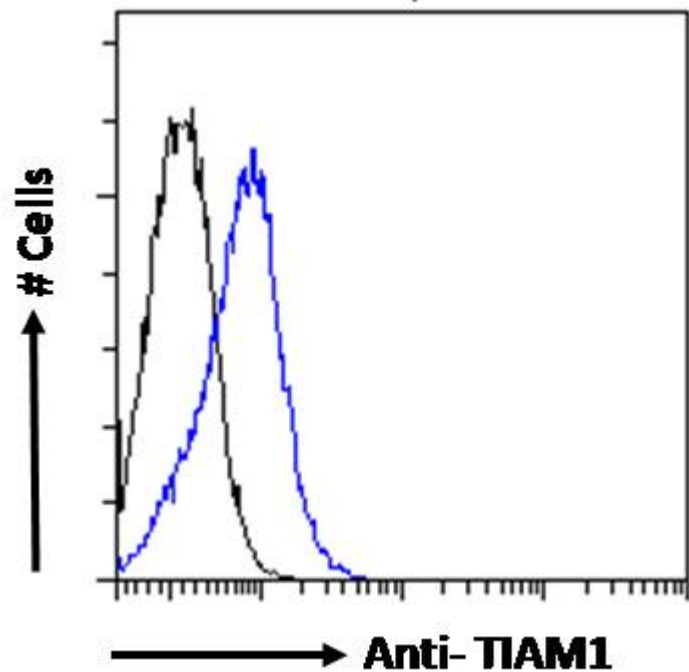
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06182 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



EB06182 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.