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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 GenelD(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.

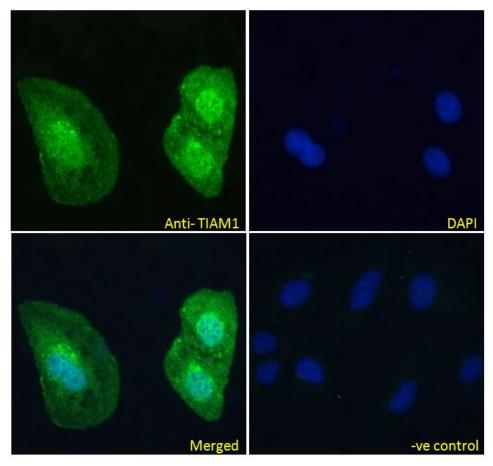
Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of U2OS cells. Recommended concentration: 10µg/ml.

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

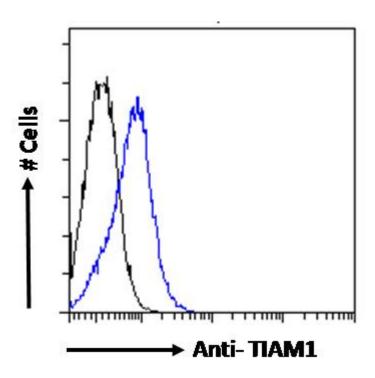
Species Reactivity

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.