

## anti-Human TIAM1 Antibody | anti-TIAM1 antibody

Goat anti-TIAM1 Antibody

|                              |                            |                                                                                    |
|------------------------------|----------------------------|------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA61799</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, Immunofluorescence, ELISA</b> |
|------------------------------|----------------------------|------------------------------------------------------------------------------------|

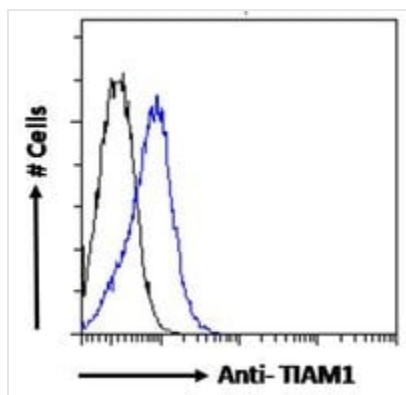
### PRODUCT SYNONYMS

TIAM1; Goat anti-TIAM1 Antibody; T-cell lymphoma invasion and metastasis 1; human T-lymphoma invasion and metastasis inducing TIAM1 protein; anti-TIAM1 antibody

### PRODUCT SPECIFICATIONS

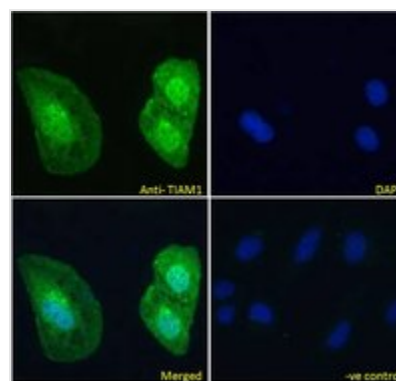
|                                                 |                                                                                                                                                                            |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                      | Human                                                                                                                                                                      |
| Purity/Purification                             | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                      |
| Form/Format                                     | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                            |
| Sequence Length                                 | 1591                                                                                                                                                                       |
| Applicable Applications for anti-TIAM1 antibody | FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)                                                                                                  |
| Immunogen Sequence                              | 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. |
| Peptide Sequence + C                            | C-EDFAPSRKLNTEI                                                                                                                                                            |
| Epitope                                         | C Terminus                                                                                                                                                                 |
| Preparation and Storage                         | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                                                          |

### IMAGES



#### FCM/FACS (Flow Cytometry)

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.



#### IF (Immunofluorescence)

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).

### NCBI AND UNIPROT INFORMATION

|           |           |
|-----------|-----------|
| NCBI GI # | 115583670 |
|-----------|-----------|

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GeneID                      | 7074                                                                      |
| NCBI Accession #                 | NP_003244; NP_001340613.1; NP_001340614.1; NP_001340615.1; NP_001340616.1 |
| NCBI GenBank Nucleotide #        | NM_003253.3                                                               |
| UniProt Accession #              | Q13009; Q17RT7; B7ZLR6; F5GZ53                                            |
| Molecular Weight                 | 170,580 Da                                                                |
| NCBI Official Full Name          | T-lymphoma invasion and metastasis-inducing protein 1 isoform 1           |
| NCBI Official Synonym Full Names | T cell lymphoma invasion and metastasis 1                                 |
| NCBI Official Symbol             | TIAM1                                                                     |
| NCBI Official Synonym Symbols    | TIAM-1                                                                    |
| NCBI Protein Information         | T-lymphoma invasion and metastasis-inducing protein 1                     |
| UniProt Protein Name             | T-lymphoma invasion and metastasis-inducing protein 1                     |
| UniProt Gene Name                | <b>TIAM1</b>                                                              |
| UniProt Synonym Gene Names       | TIAM-1                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/tiam1/61799>