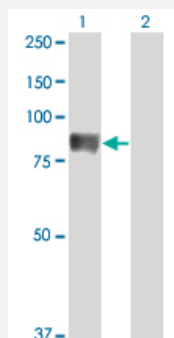


# TIAM2 monoclonal antibody (M01), clone 3C1

Catalog # H00026230-M01

Size 100 ug

## Applications

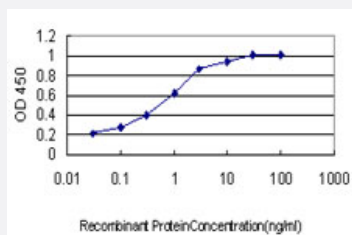


### Western Blot (Transfected lysate)

Western Blot analysis of TIAM2 expression in transfected 293T cell line by TIAM2 monoclonal antibody (M01), clone 3C1.

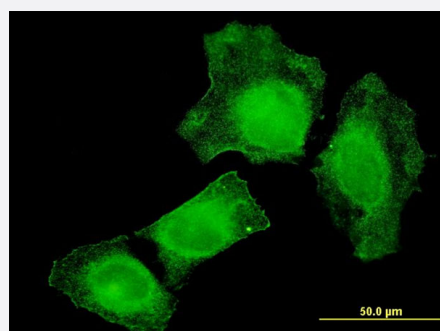
Lane 1: TIAM2 transfected lysate (70.8 kDa).

Lane 2: Non-transfected lysate.



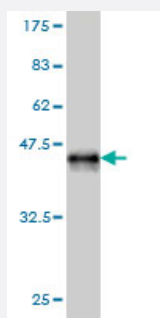
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIAM2 is approximately 0.03 ng/ml as a capture antibody.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to TIAM2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant TIAM2.
<b>Immunogen</b>	TIAM2 (NP_001010927, 527 a.a. ~ 624 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	DVHPEAEQQPGPESGEGQKGGEQPKLVRGHFCPIKRKANSTKRDRGTLLKAQIRHQSLDSQSE NATIDLNSVLEREFVSQSLTSVVSEECFYETESHG
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TIAM2 expression in transfected 293T cell line by TIAM2 monoclonal antibody (M01), clone 3C1.

Lane 1: TIAM2 transfected lysate(70.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TIAM2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TIAM2 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — TIAM2

Entrez GeneID [26230](#)

GeneBank Accession# [NM\\_001010927](#)

Protein Accession# [NP\\_001010927](#)

Gene Name TIAM2

Gene Alias FLJ41865, STEF

Gene Description T-cell lymphoma invasion and metastasis 2

Omim ID [604709](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a guanine nucleotide exchange factor. A highly similar mouse protein specifically activates ras-related C3 botulinum substrate 1, converting this Rho-like guanosine triphosphatase (GTPase) from a guanosine diphosphate-bound inactive state to a guanosine triphosphate-bound active state. The encoded protein may play a role in neural cell development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other Designations** OTTHUMP00000040111|SIF and TIAM1-like exchange factor

## Pathway

- [Chemokine signaling pathway](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)