

TIAM2 Polyclonal antibody

Catalog Number: 26870-1-AP

Basic Information

Catalog Number:

26870-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25469

GenBank Accession Number:

BC137275

GeneID (NCBI):

26230

UNIPROT ID:

Q8IVF5

Full Name:

T-cell lymphoma invasion and metastasis 2

Observed MW:

190-200 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : BxPC-3 cells, U2OS cells, mouse testis tissue, rat testis tissue, HEK-293 cells

IF/ICC : RAW 264.7 cells,

Background Information

TIAM2 is a Rac1-specific GEF, which was identified originally as a homologue of TIAM1. TIAM2 plays a critical role in the malignancy development of many human cancers. TIAM2 expression upregulates N-cadherin and vimentin, thus enhancing epithelial-to-mesenchymal transition (EMT) and leading to the enhancement of proliferation and invasion in hepatoma cells.

Storage

Storage:

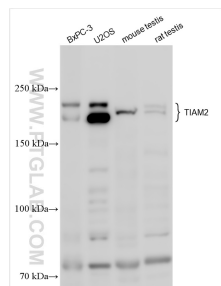
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

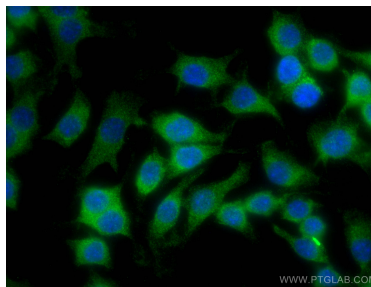
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

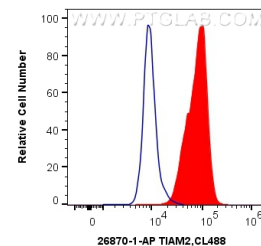
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26870-1-AP (TIAM2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed RAW 264.7 cells using TIAM2 antibody (26870-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ K-562 cells were intracellularly stained with 0.4 ug Anti-Human TIAM2 (26870-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).