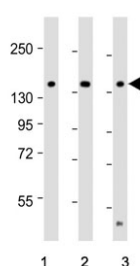


TIAM1 Antibody / T cell lymphoma invasion and metastasis 1 (F55115)

Catalog No.	Formulation	Size
F55115-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55115-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-2 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q13009
Applications	Western Blot : 1:1000-1:2000
Limitations	This TIAM1 antibody is available for research use only.



Western blot testing of human 1) Ramos, 2) HCT-116 and 3) RPM1 8226 cell lysate with TIAM1 antibody. Expected molecular weight ~178 kDa.

Description

TIAM1 is a protein that plays a crucial role in cell migration and invasion. In T cell lymphoma, increased expression of TIAM1 has been associated with enhanced invasive capabilities of cancer cells. TIAM1 promotes the formation of invasive structures called invadopodia, which facilitate cancer cell movement through tissues. Additionally, TIAM1 has been shown to activate signaling pathways that promote metastasis, making it a key player in the spread of T cell lymphoma. Studies have demonstrated that targeting TIAM1 can inhibit T cell lymphoma invasion. By disrupting the activity of TIAM1, researchers have been able to reduce the ability of cancer cells to invade surrounding tissues. This suggests that TIAM1 could be a potential therapeutic target for inhibiting T cell lymphoma invasion and slowing down

disease progression. Metastasis is a major concern in T cell lymphoma, as cancer cells can spread to distant organs and tissues, leading to poor prognosis. TIAM1 has been implicated in promoting the metastatic spread of T cell lymphoma cells. By targeting TIAM1, researchers have observed a decrease in the ability of cancer cells to metastasize, highlighting the potential of TIAM1 as a therapeutic target for preventing T cell lymphoma metastasis.

Application Notes

The stated application concentrations are suggested starting points. Titration of the TIAM1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1478-1506 from the human protein was used as the immunogen for the TIAM1 antibody.

Storage

Aliquot the TIAM1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.