

Product datasheet for **AM33016PU-N**

TIAM1 Mouse Monoclonal Antibody [Clone ID: F5S F6.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F5S F6.2
Applications:	IHC, WB
Recommended Dilution:	Western Blot. Immunohistochemistry on Frozen Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	T-cell lymphoma invasion and metastasis-inducing protein 1 (Tiam1).
Specificity:	This antibody clone <i>F5S F6.2</i> is directed against the N-terminal region of Tiam1.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	T-cell lymphoma invasion and metastasis 1
Database Link:	Entrez Gene 7074 Human Q13009



[View online »](#)

Background:

Tiam1, also known as T-cell lymphoma invasion and metastasis-inducing protein 1, is a protein that in humans is encoded by the TIAM1 gene. TIAM1 is tightly associated with BAIAP2 as a subunit. It contains one DH (DBL-homology) domain, one PDZ domain, two PH domains and one Ras-binding RBD domain. TIAM1 modulates the activity of Rho GTP-binding proteins and connects extracellular signals to cytoskeletal activities. In addition, TIAM1 activates Rac1, CDC42, and to a lesser extent RhoA. TIAM1 is found in virtually all tumor cell lines examined including B- and T-lymphomas, neuroblastomas, melanomas and carcinomas.

Synonyms:

TIAM-1