

Product datasheet for **AM06239SU-N**

TNK1 Mouse Monoclonal Antibody [Clone ID: 1B5G3]

Product data:

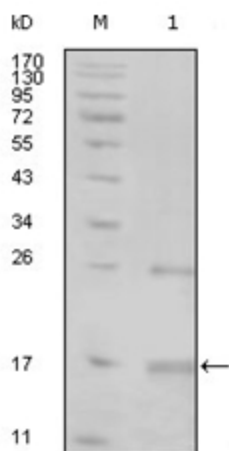
Product Type:	Primary Antibodies
Clone Name:	1B5G3
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of TNK1 (aa451-560) expressed in E. Coli.
Specificity:	Recognizes TNK1 (tyrosine kinase, non-receptor 1).
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody 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:	tyrosine kinase non receptor 1
Database Link:	Entrez Gene 8711 Human Q13470
Background:	TNK1 is a nonreceptor tyrosine kinase(NRPTK). These kinases, like members of the SRC (MIM 190090) and JAK (see MIM 147795) families, mediate intracellular signaling downstream of receptor activation. Tnk1 is a ubiquitously expressed 47-kDa protein with autotyrosine kinase activity that is developmentally regulated during embryogenesis. Tnk1 is also upregulated following IL3 withdrawal from factor-dependent murine NSF/N1.H7 cells that undergo apoptosis, suggesting a role in growth inhibition. Data support a negative regulatory role for Tnk1 in regulating the Ras-Raf1-MAPK growth pathway by a mechanism that requires its autotyrosine kinase activity.



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Synonyms: Kos1

Product images:



Western blot analysis using TNK1 mouse mAb against truncated TNK1-His recombinant protein (1).