

Mouse Monoclonal Antibody to TNK1

Catalogue Number	sAP-0182
Target Molecule	Name: TNK1 Aliases: MGC46193; TNK1 MW: N/A Entrez Gene ID: 8711
Description	TNK1: tyrosine kinase, non-receptor, 1. 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.
Immunogen	Purified recombinant fragment of TNK1 (aa451-560) expressed in E. Coli. ;
Reactive Species	Human
Clone	MM1B5G3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Oncogene. 1996 Feb 15;12(4):903-13. ; 2. Oncogene. 2003 Jun 5;22(23):3562-77. ; 3. Oncogene. 2007 Oct 4;26(45):6536-45.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**