

TNK1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2822
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of TNK1 (aa451-560) expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	MGC46193;TNK1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

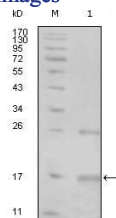
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.