

Product datasheet

Anti-Tnk1 antibody [3F11H6] ab70402

1 Image

Overview

Product name	Anti-Tnk1 antibody [3F11H6]
Description	Mouse monoclonal [3F11H6] to Tnk1
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Purified truncated recombinant human Tnk1 (aa451-560)-His expressed in E.coli strain BL21 (DE3)
Positive control	Truncated Tnk1-His recombinant protein.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.03% Sodium Azide Constituents: Ascites
Purity	Ascites
Clonality	Monoclonal
Clone number	3F11H6
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab70402** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ELISA		

Application notes ELISA: 1/10000.

WB: 1/500 - 1/2000. Detects a band of approximately 17 kDa (predicted molecular weight: 73 kDa). Note: ab70402 has only been tested against a truncated recombinant protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues and in cells of the lymphohematopoietic system. Could specifically be involved in phospholipid signal transduction.

Tissue specificity

Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney. Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung, liver, kidney or brain.

Sequence similarities

Belongs to the protein kinase superfamily. Tyr protein kinase family.
Contains 1 protein kinase domain.
Contains 1 SH3 domain.

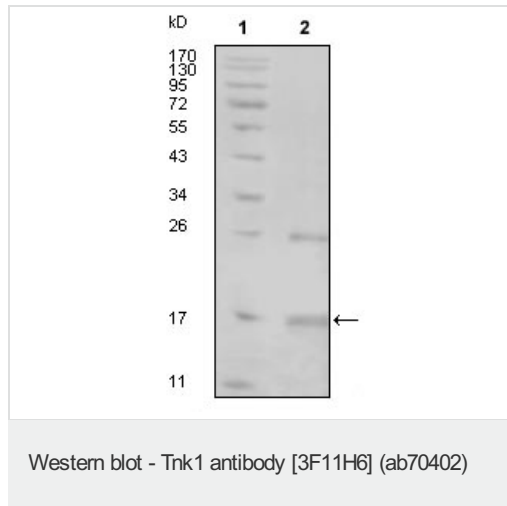
Post-translational modifications

Autophosphorylated on tyrosine residues.

Cellular localization

Cytoplasm. Membrane.

Images



All lanes : Anti-Tnk1 antibody [3F11H6] (ab70402) at 1/500 dilution

Lane 1 : Molecular weight markers

Lane 2 : Truncated Tnk1-His recombinant protein

Predicted band size : 73 kDa

Observed band size : 17 kDa

Additional bands at : 25 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors