abcam

Product datasheet

# Anti-MATK antibody [9D7] ab91198

1 Image

## Overview

| | |
|---|---|
| **Product name** | Anti-MATK antibody [9D7] |
| **Description** | Mouse monoclonal [9D7] to MATK |
| **Host species** | Mouse |
| **Tested applications** | **Suitable for:** WB |
| **Species reactivity** | **Reacts with:** Human |
| **Immunogen** | Recombinant fragment: corresponding to amino acids 50-196 of Human MATK<br>Run BLAST with ExPASy Run BLAST with NCBI |
| **Positive control** | K562 cell lysate |
| **General notes** | The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.<br>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As |

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| **Storage buffer** | Preservative: 0.05% Sodium azide<br>Constituent: PBS |
| **Purity** | Protein G purified |
| **Purification notes** | Purified from tissue culture supernatant. |
| **Clonality** | Monoclonal |
| **Clone number** | 9D7 |
| **Isotype** | IgG1 |

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab91198 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** | | 1/500 - 1/2000. Predicted molecular weight: 56 kDa. |

## Target

**Function** Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.

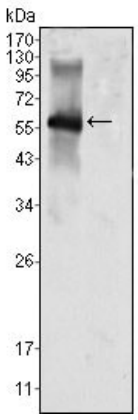
**Tissue specificity** Expressed in various myeloid cell lines, detected in brain and lung.

**Sequence similarities** Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily.
Contains 1 protein kinase domain.
Contains 1 SH2 domain.
Contains 1 SH3 domain.

**Post-translational modifications** Phosphorylated upon DNA damage, probably by ATM or ATR.

**Cellular localization** Cytoplasm.

## Images




Western blot - Anti-MATK antibody [9D7] (ab91198)

Anti-MATK antibody [9D7] (ab91198) at 1/500 dilution + K562 cell lysate

**Predicted band size:** 56 kDa



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