abcam

Product datasheet

Anti-MAP4K4/NIK antibody [SP177] ab150300

Recombinant RabMAb

3 Images

Overview

Product name	Anti-MAP4K4/NIK antibody [SP177]
Description	Rabbit monoclonal [SP177] to MAP4K4/NIK
Host species	Rabbit
Tested applications	**Suitable for:** Flow Cyt (Intra), IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse
Immunogen	Synthetic peptide within Human MAP4K4/NIK aa 850-950 (C terminal). The exact sequence is proprietary. Database link: **O95819**
Positive control	Human prostate adenocarcinoma tissue.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. **This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.**

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal

Clone number	SP177
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150300 in the following tested applications.

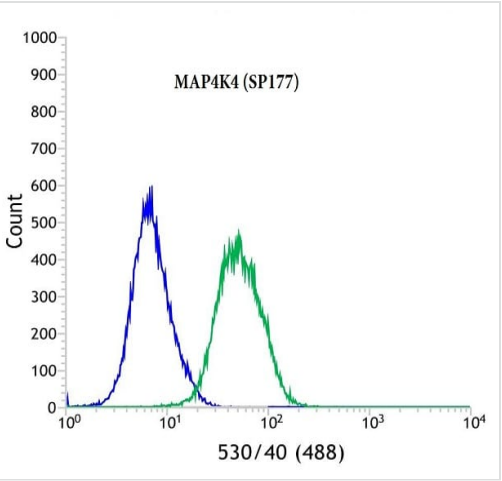
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/400. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

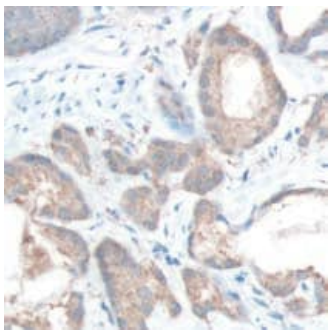
Function	Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway.
Tissue specificity	Appears to be ubiquitous. Expressed in all tissue types examined. Isoform 5 appears to be more abundant in the brain. Isoform 4 is predominant in the liver, skeletal muscle and placenta.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 CNH domain. Contains 1 protein kinase domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm.

Images



Flow Cytometry (Intracellular) - Anti-MAP4K4/NIK antibody [SP177] (ab150300)

Flow cytometric analysis of rabbit anti-MAP4K4/NIK (SP177) antibody ab150300 (1/400) in HepG2 cells(green) compared to negative control of rabbit IgG (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAP4K4/NIK antibody [SP177] (ab150300)

Immunohistochemical analysis of formalin fixed, paraffin embedded Human prostate adenocarcinoma tissue labelling MAP4K4/NIK with ab150300 at 1/100 dilution.

Anti-MAP4K4/NIK antibody [SP177] (ab150300)

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