

Product datasheet

Anti-MEK4 antibody ab92913

3 Images

Overview

Product name	Anti-MEK4 antibody
Description	Mouse polyclonal to MEK4
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Full length Human MEK4 protein (AAH36032.1).
Positive control	WB: Human pancreas tissue lysate, MEK4 transfected 293T cell lysate ICC/IF: HeLa cell

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: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab92913** 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		
ICC/IF		

Application notes	ICC/IF: Use at a concentration of 10 µg/ml. WB: 1/500 - 1/1000. Predicted molecular weight: 44 kDa.
	Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Dual specificity kinase that activates the JUN kinases MAPK8 (JNK1) and MAPK9 (JNK2) as well as MAPK14 (p38) but not MAPK1 (ERK2) or MAPK3 (ERK1).

Tissue specificity

Abundant expression is seen in the skeletal muscle. It is also widely expressed in other tissues.

Sequence similarities

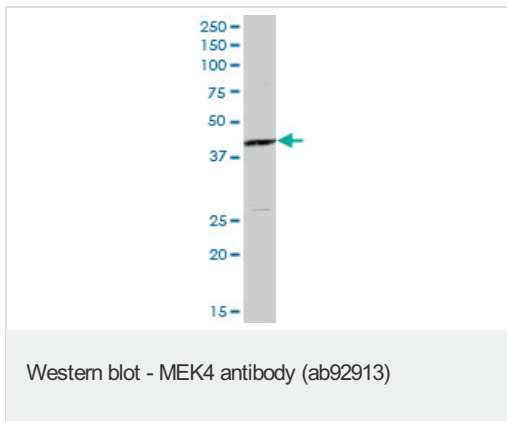
Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily.

Contains 1 protein kinase domain.

Post-translational modifications

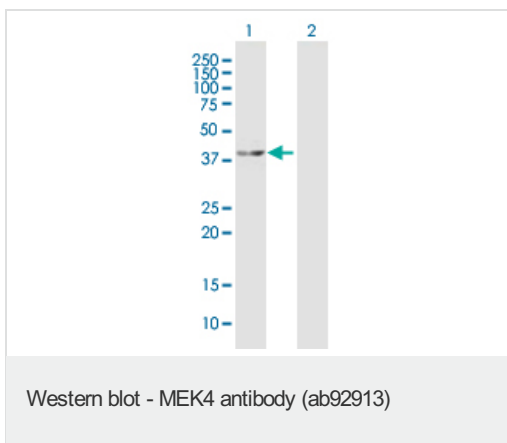
Activated by phosphorylation on Ser/Thr by MAP kinase kinase kinases.

Anti-MEK4 antibody images



Anti-MEK4 antibody (ab92913) at 1/500 dilution + Human pancreas tissue lysate at 50 μ g

Predicted band size : 44 kDa



All lanes : Anti-MEK4 antibody (ab92913) at 1/500 dilution

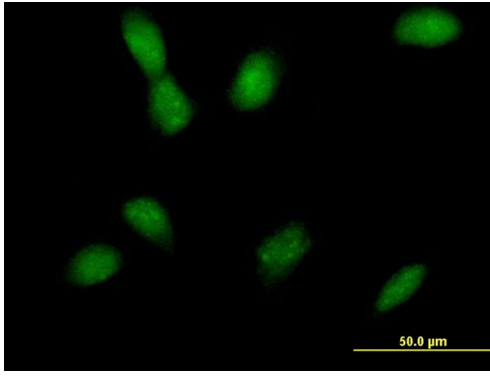
Lane 1 : MEK4 transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size : 44 kDa

ab92913, at 10 µg/ml, staining MEK4 in HeLa cell by Immunofluorescence.



Immunocytochemistry/ Immunofluorescence - MEK4 antibody (ab92913)

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