

Datasheet for ABIN7539842
anti-MAP2K5 antibody (AA 63-180)



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Overview

Quantity:	100 µL
Target:	MAP2K5
Binding Specificity:	AA 63-180
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP2K5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	MAP2K5 Antibody
Immunogen:	Purified recombinant fragment of human MAP2K5 (AA: 63-180) expressed in E. Coli.
Clone:	5H11B10
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	MAP2K5
Alternative Name:	MAP2K5 (MAP2K5 Products)
Background:	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP

Target Details

kinase kinase family. This kinase specifically interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been described.

Molecular Weight: 50 kDa

UniProt: [Q13163](#)

Pathways: [MAPK Signaling, Neurotrophin Signaling Pathway](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.