



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DUSP9 monoclonal antibody (M04), clone 2E3

Catalog # : H00001852-M04

規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant DUSP9.
Immunogen:	DUSP9 (NP_001386, 174 a.a. ~ 278 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AESEADRDSMSCGLDSEGATPPPVGLRASFPVQILPNLYLGSARDSANL ESLAKLGIRYILNVTPLNLPNFFEKNGDFHYKQIPISDHWSQNLRSRFFPEAIE FIDE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.29 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

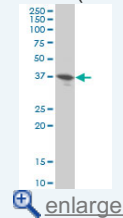
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

Application Image

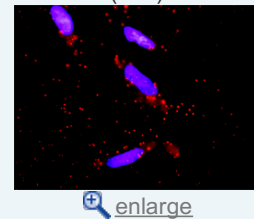
Western Blot (Cell lysate)

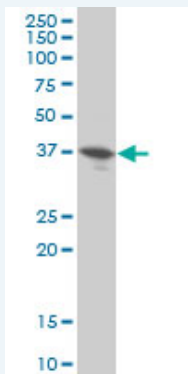


Western Blot (Recombinant protein)

ELISA

In situ Proximity Ligation Assay (Cell)






DUSP9 monoclonal antibody (M04), clone 2E3 Western Blot analysis of DUSP9 expression in HeLa (Cat # L013V1).

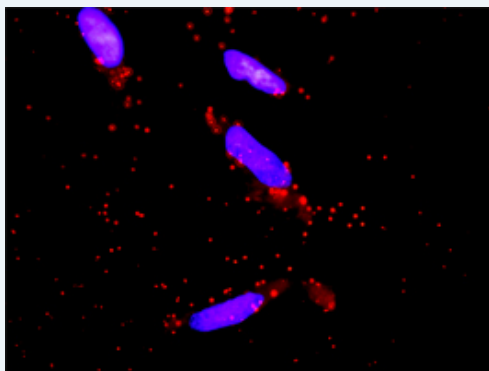
 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between MAPK3 and DUSP9. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-DUSP9 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [1852](#)

GeneBank [NM_001395](#)
Accession#:

Protein [NP_001386](#)
Accession#:

Gene Name: DUSP9

Gene Alias: MKP-4, MKP4

Gene Description: dual specificity phosphatase 9

Omim ID: [300134](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK,

SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product shows selectivity for members of the ERK family of MAP kinases, is expressed only in placenta, kidney, and fetal liver, and is localized to the cytoplasm and nucleus. [provided by RefSeq]

Other Designations: OTTHUMP00000025951,OTTHUMP00000025953,map kinase phosphatase 4,serine/threonine specific protein phosphatase

Interactome



Gene Pathway

[MAPK signaling pathway](#)

Related Disease

[Diabetes Mellitus, Type 2 Genetic Predisposition to Disease](#)

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