



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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DUSP4 monoclonal antibody (M08), clone 1D12

Catalog # : H00001846-M08

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a full length recombinant DUSP4.

Immunogen: DUSP4 (AAH02671, 1 a.a. ~ 394 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

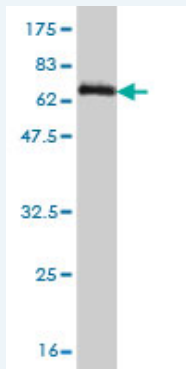
Sequence:
MVTMEELREMDCSVLKRLMNRDENGGGAGGSGSHGTLGLPSGGKCLL
LDCRPFLAHSAGYILGSVNRCNTVRRRAKGSVSLEQILPAEEEEVRARLR
SGLYSAVMYDERSPRAESLREDSTVSLVQALRRNAERTDICLLKGGYE
RFSSEYPEFCSTKALAAIPPPVPPSATEPLDLGCSSCGTPLHDQGGPV
EILPFLYLGSAYHAARRDMLDALGITALLNVSSDCPNHFEGHYQYKCIPIVE
DNHKADISSWFMEAIEYIDAVKDCRGRVLVHCQAGISRSATICLAYLMMKK
RVRLEEAFEFVKQRRSISPNFSFMGQLLQFESQVLATSCAAEAASPSGP
LRERGKTPATPTSQFVFSFPVSVGVHSAPSSLPYLHSPITTSpsc

Host: Mouse

Reactivity: Human

Isotype: IgG3 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (69.08 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](#)

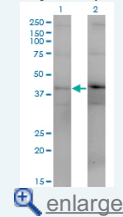
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

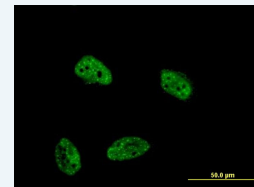
Application Image

Western Blot (Transfected lysate)

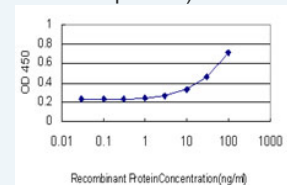


Western Blot (Recombinant protein)

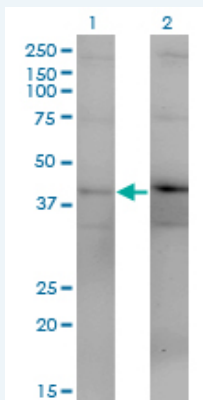
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of DUSP4 expression in transfected 293T cell line by DUSP4 monoclonal antibody (M08), clone 1D12.

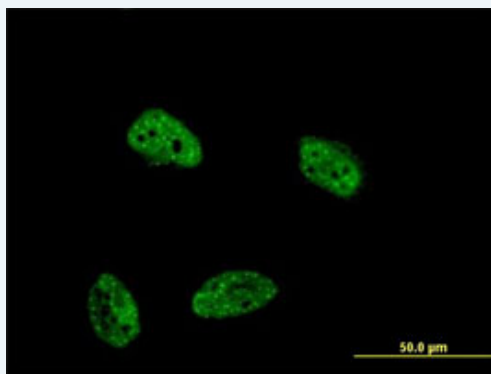
Lane 1: DUSP4 transfected lysate(43 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

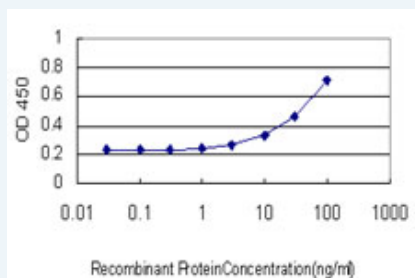


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to DUSP4 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DUSP4 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1846](#)

GeneBank [BC002671](#)
Accession#:

Protein [AAH02671](#)
Accession#:

Gene Name: DUSP4

Gene Alias: HVH2,MKP-2,MKP2,TYP

Gene Description: dual specificity phosphatase 4

Omim ID: [602747](#)

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 are 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 inactivates ERK1, ERK2 and JNK, is expressed in a variety of tissues, and is localized in the nucleus. Two alternatively spliced transcript variants, encoding distinct isoforms, have been observed for this gene. In addition, multiple polyadenylation sites have been reported. [provided by RefSeq]

Other Designations: MAP kinase phosphatase 2,VH1 homologous phosphatase 2,serine/threonine specific protein phosphatase

Gene Pathway

[MAPK signaling pathway](#)