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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DUSP4 monoclonal antibody (M01), clone 3D6-G6

Catalog # : H00001846-M01

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.

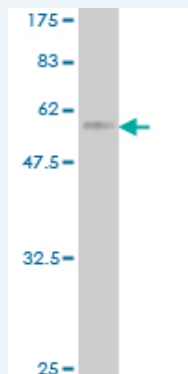
Sequence: MVTMEELREMDCSVLKRLMNRDENGAGGSGSHGTLGLPSGGKCLL LDCRPFLAHSAGYILGSVNRCNTVRRRAKGSVSLEQILPAEEEVRLRLR SGLYSAVIMYDERSPRAESLREDSTVSLVQALRRNAERTDICLLKGGYE RFSSEYPEFCSTKALAAIPPPVPPSATEPLDLGCSSCGTPLHDQGGPV EILPFLYLGSAHYAARRDMLDALGITALLNVSSDCPNHFEHYQYKCIPIVE DNHKADISSWFMEAIEYIDAVKDCRGRVLVHCQAGISRSATICLAYLMMKK RVRLEEAFEFVKQRRSIIISPNFSFMGQLLQFESQVLATSCAAEAASPSGP LRERGKTPATPTSQFVFSFPVSVGVHSAPSSLPYLHSPITSPSC

Host: Mouse

Reactivity: Human

Isotype: IgG1 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](#)

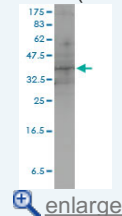
Datasheet: [Download](#)

Publication Reference

1. [Dual specificity phosphatase 6 as a predictor of invasiveness in papillary thyroid cancer.](#)
Lee JU, Huang S, Lee MH, Lee SE, Ryu MJ, Kim SJ, Kim YK, Kim SY, Joung KH, Kim JM, Shong M, Jo YS. *Eur J Endocrinol.* 2012 Jul;167(1):93-101. Epub 2012 Apr 25.

Application Image

Western Blot (Cell lysate)

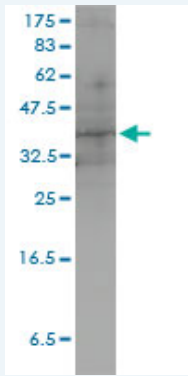


Western Blot (Recombinant protein)

ELISA

Applications

Western Blot (Cell lysate)



DUSP4 monoclonal antibody (M01), clone 3D6-G6 Western Blot analysis of DUSP4 expression in HeLa (Cat # L013V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [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 dual specificity phosphatase 4

Description:

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

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