



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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DPH2 monoclonal antibody (M07), clone 3F7

Catalog # : H00001802-M07

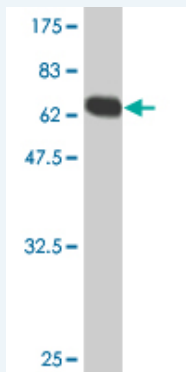
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant DPH2.
Immunogen:	DPH2 (AAH16956, 1 a.a. ~ 489 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MESMFSSPAEALQRETGVPGLLTPLPDLGVEYELERVAGFVRDLGCE RVALQFPDQLLGDAVAVAAARLEETTGSKMFILGDTAYGSCCVDLGAE QAGAQUALIHFGPAQLSPPARPLPVAFVLRQRSVALELCVKAFAEQNPDP KAPVVLLSEPAHALEALATLLRPRYLDLLVSSPAFPQPVGSLSPPEMP LERFGRFPPLAPGRRLEEYGAFFVGGSKASPDPLDPLSRLLGWAP GQPFSSCCPDTGKTQDEGARAGRLRARRRYLVERARDARVVGLLAGT LGVAQHREALAHLRNLTAAGKRSYVLALGRPTPAKLANFPEVDVFVLL ACPLGALAPQLSGSFFQPILAPCELEAACNPWPPPLAPHLTHYADLLP GSPFHVALPPPESELWETPDVSLITGDLRPPPAWKSSNDHGLALTPRP QLELAESSPAASFLSSRSWQGLEPRLGQTPVTEAVSGRRGIAIYEDEG SG
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (79.53 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](#)

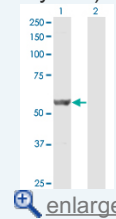
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

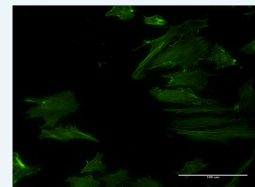
Application Image

Western Blot (Transfected lysate)

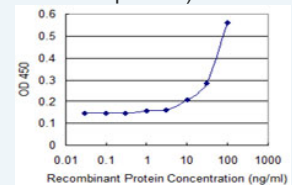


Western Blot (Recombinant protein)

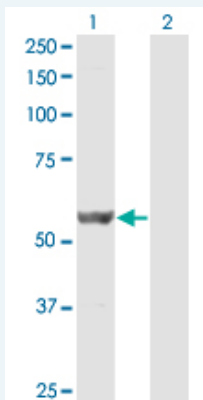
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of DPH2 expression in transfected 293T cell line by DPH2 monoclonal antibody (M07), clone 3F7.

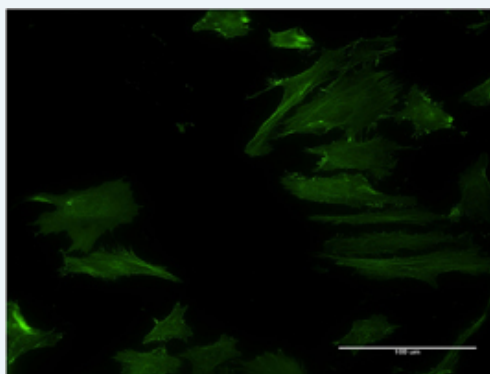
Lane 1: DPH2 transfected lysate (Predicted MW: 52.1 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

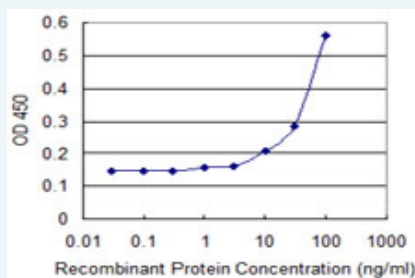


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to DPH2 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DPH2 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1802](#)

GeneBank [BC016956](#)

Accession#:

Protein [AAH16956](#)

Accession#:

Gene Name: DPH2

Gene Alias: DPH2L2

Gene Description: DPH2 homolog (S. cerevisiae)

Omim ID: [603456](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is one of two human genes similar to the yeast gene dph2. The yeast gene was identified by its ability to complement a diphthamide mutant strain, and thus probably functions in diphthamide biosynthesis. Diphthamide is a post-translationally modified histidine residue present in elongation factor 2 (EF2) that is the target of diphtheria toxin ADP-ribosylation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: DPH2-like 2,OTTHUMP00000010007,diphthamide biosynthesis protein 2,diphthamide biosynthesis-like protein 2,diphtheria toxin resistance protein required for diphthamide biosynthesis-like 2

Related Disease

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