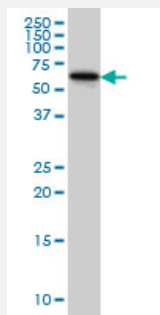


DPH2 monoclonal antibody (M02), clone 5B10

Catalog # H00001802-M02

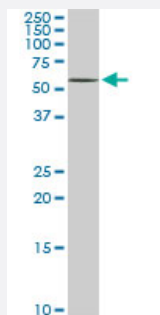
Size 100 ug

Applications



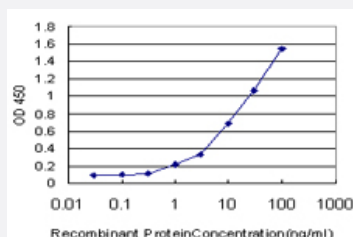
Western Blot (Cell lysate)

DPH2 monoclonal antibody (M02), clone 5B10 Western Blot analysis of DPH2 expression in HeLa (Cat # L013V1).



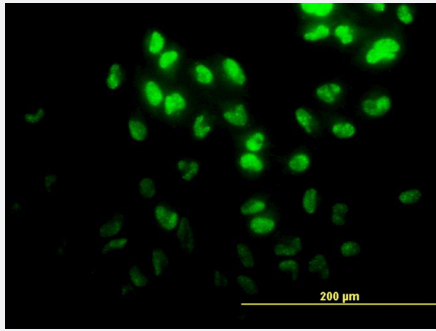
Western Blot (Cell lysate)

DPH2 monoclonal antibody (M02), clone 5B10. Western Blot analysis of DPH2 expression in PC-12(Cat # L012V1).



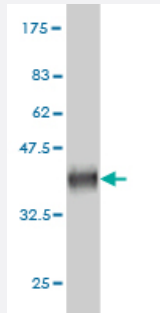
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPH2 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (37.95 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DPH2.
Immunogen	DPH2 (NP_001375, 125 a.a. ~ 235 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RQRSVALELCVKAFE AQNPDPKAPVVLLSE PACAHAEALATLLRPRYDLLVSSPAFPQPVGS LSPEPMPLERFGRRFPLAPGRRLEEYGA FYVGGSKASPDPLDPDLS
Host	Mouse
Reactivity	Human, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.95 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DPH2 monoclonal antibody (M02), clone 5B10 Western Blot analysis of DPH2 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DPH2 monoclonal antibody (M02), clone 5B10. Western Blot analysis of DPH2 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPH2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — DPH2

Entrez GeneID	1802
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GeneBank Accession#	NM_001384
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Protein Accession#	NP_001375
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Gene Name	DPH2
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Gene Alias	DPH2L2
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Gene Description	DPH2 homolog (S. cerevisiae)
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Omim ID	603456
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Gene Ontology	Hyperlink
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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

Disease

- [Tobacco Use Disorder](#)