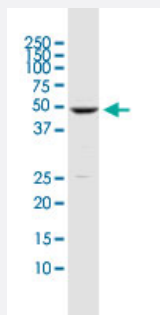


# DUSP5 monoclonal antibody (M04A), clone 2F3

Catalog # H00001847-M04A

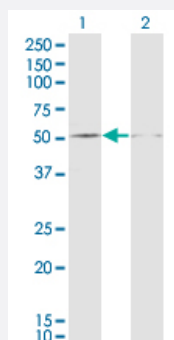
Size 200 uL

## Applications



### Western Blot (Cell lysate)

DUSP5 monoclonal antibody (M04A), clone 2F3 Western Blot analysis of DUSP5 expression in K-562 ( Cat # L009V1 ).

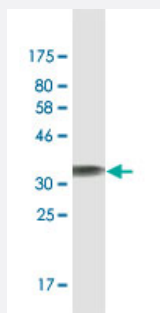


### Western Blot (Transfected lysate)

Western Blot analysis of DUSP5 expression in transfected 293T cell line by DUSP5 monoclonal antibody (M04A), clone 2F3.

Lane 1: DUSP5 transfected lysate (Predicted MW: 42.1 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant DUSP5.

<b>Immunogen</b>	DUSP5 (NP_004410, 286 a.a. ~ 384 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	LKEAFDYIKQRRSMVSPNFGFMGQLLQYESEILPSTPNPQPPSCQGEAAGSSLIGHLQTLSPDMQ GAYCTFPASVLAPVPTHSTVSELSRSPVATATSC
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (88)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<b>Storage Buffer</b>	In ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

DUSP5 monoclonal antibody (M04A), clone 2F3 Western Blot analysis of DUSP5 expression in K-562 ( Cat # L009V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DUSP5 expression in transfected 293T cell line by DUSP5 monoclonal antibody (M04A), clone 2F3.

Lane 1: DUSP5 transfected lysate (Predicted MW: 42.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — DUSP5

Entrez GeneID	<a href="#">1847</a>
GeneBank Accession#	<a href="#">NM_004419</a>
Protein Accession#	<a href="#">NP_004410</a>
Gene Name	DUSP5
Gene Alias	DUSP, HVH3
Gene Description	dual specificity phosphatase 5
Omim ID	<a href="#">603069</a>
Gene Ontology	<a href="#">Hyperlink</a>
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, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus. [provided by RefSeq]
Other Designations	OTTHUMP00000020476 VH1-like phosphatase 3 serine/threonine specific protein phosphatase

## Pathway

- [MAPK signaling pathway](#)

## Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)