

Datasheet for ABIN515105  
**anti-DUSP4 antibody (AA 1-394)**



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4 Images

## Overview

Quantity:	100 µg
Target:	DUSP4
Binding Specificity:	AA 1-394
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DUSP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## Product Details

Purpose:	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:	MVTMEELREM DCSVLKRLMN RDENGGGAGG SGSHGTLGLP SGGKCLLLDC RPFLAHSAGY ILGSVNVR CN TIVRRRAKGS VSLEQILPAE EEVRARLRSG LYSAVIVYDE RSPRAESLRE DSTVSLVVQA LRRNAERTDI CLLKGGYERF SSEYPEFCSK TKALAAIPPP VPPSATEPLD LGCSSCGTPL HDQGGPVEIL PFLYLGSAYH AARRDMLDAL GITALLNVSS DCPNHFEFGHY QYKCI PVEDN HKADISSWFM EAIEYIDAVK DCRGRVLVHC QAGISRSATI CLAYLMMKKR VRLEEAFEFV KQRRSII SPN FFSFMGQLLQF ESQVLATSCA AEAASPSGPL RER GKTPATP TSQFVFSFPV SVGVHSAPSS LPYLHSPITT SPSC
Clone:	1D12

## Product Details

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Isotype:	IgG3
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	DUSP4
Alternative Name:	DUSP4 ( <a href="#">DUSP4 Products</a> )
Background:	Full Gene Name: dual specificity phosphatase 4 Synonyms: HVH2,MKP-2,MKP2,TYP
Gene ID:	1846
Pathways:	<a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

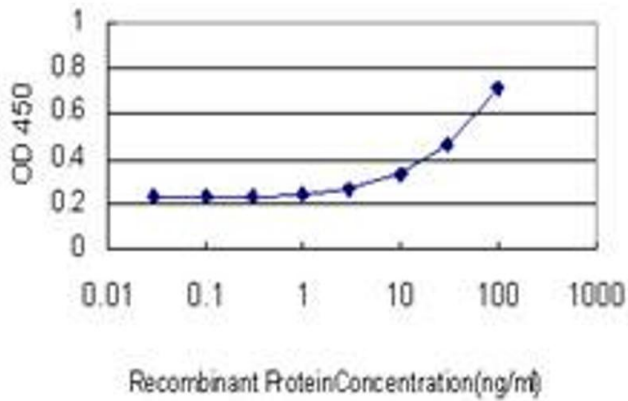
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

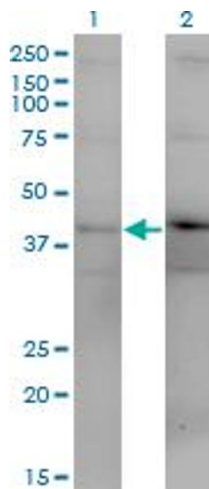
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



### ELISA

**Image 1.** Detection limit for recombinant GST tagged DUSP4 is approximately 3ng/ml as a capture antibody.

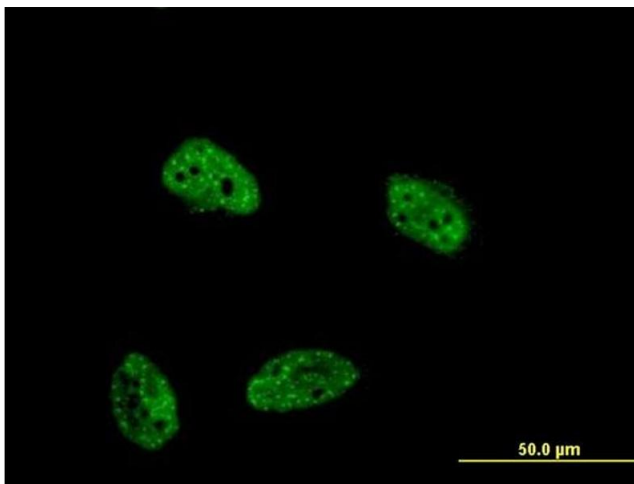


### Western Blotting

**Image 2.** 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.



### Immunofluorescence

**Image 3.** Immunofluorescence of monoclonal antibody to DUSP4 on HeLa cell. [antibody concentration 10 ug/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN515105.