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DUSP22 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant DUSP22.
Catalog # AT1827a

Specification

DUSP22 Antibody (monoclonal) (M01) - Product Information

Application	**WB**
Primary Accession	Q9NRW4
Other Accession	NM_020185
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**20910**

DUSP22 Antibody (monoclonal) (M01) - Additional Information

Gene ID 56940

Other Names
Dual specificity protein phosphatase 22, JNK-stimulatory phosphatase-1, JSP-1, Low molecular weight dual specificity phosphatase 2, LMW-DSP2, Mitogen-activated protein kinase phosphatase x, MAP kinase phosphatase x, MKP-x, DUSP22, JSP1, LMWDSP2, MKPX

Target/Specificity
DUSP22 (NP_064570, 112 a.a. ~ 184 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
DUSP22 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

DUSP22 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

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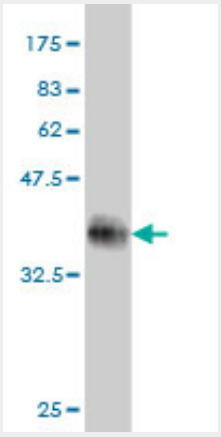
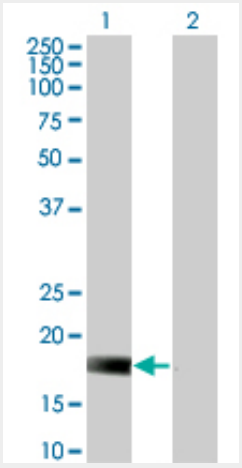
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DUSP22 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (33.77 KDa) .



Western Blot analysis of DUSP22 expression in transfected 293T cell line by DUSP22 monoclonal antibody (M01), clone 3D3.

Lane 1: DUSP22 transfected lysate(20.9 KDa).
Lane 2: Non-transfected lysate.

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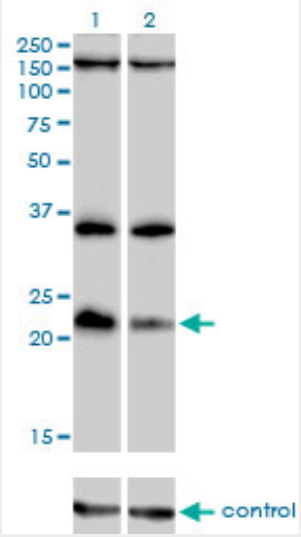

Western blot analysis of DUSP22 over-expressed 293 cell line, cotransfected with DUSP22 Validated Chimera RNAi ((Cat # AT1827a)

DUSP22 Antibody (monoclonal) (M01) - References

1.Promoter hypermethylation of the phosphatase DUSP22 mediates PKA-dependent TAU phosphorylation and CREB activation in Alzheimer's disease.Sanchez-Mut JV, Aso E, Heyn H, Matsuda T, Bock C, Ferrer I, Esteller MHippocampus. 2014 Jan 16. doi: 10.1002/hipo.22245.2.JNK Pathway-associated Phosphatase Dephosphorylates Focal Adhesion Kinase and Suppresses Cell Migration.Li JP, Fu YN, Chen YR, Tan TH.J Biol Chem. 2010 Feb 19;285(8):5472-8. Epub 2009 Dec 14.