

Mouse DUSP23 Monoclonal Antibody | anti-DUSP23 antibody

DUSP23 antibody

CATALOG # AAA74718	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

DUSP23; Monoclonal Antibody; DUSP23 antibody; Monoclonal DUSP23; Anti-DUSP23; Dual specificity phosphatase 23; DUSP 23; DUSP-23; anti-DUSP23 antibody

PRODUCT SPECIFICATIONS

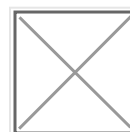
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3C10
Purity/Purification	DUSP23 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	150
Applicable Applications for anti-DUSP23 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Dual specificity phosphatase 23 is a Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. It can also dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. It is able to enhance the activation of JNK and p38.
Cross-Reactivity	Human
Immunogen	DUSP23 antibody was raised in mouse using a full length recombinant protein of human DUSP23 (NP_060293) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DUSP23 protein using DUSP23 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of DUSP23 protein in paraffin embedded Human Kidney tissue using DUSP23 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DUSP23 protein (Right) or empty vector (Left) detected with DUSP23 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP23 antibody	Mouse monoclonal DUSP23 antibody
Product Categories/Family for anti-DUSP23 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	56786144
NCBI GeneID	54935
NCBI Accession #	NP_060293
NCBI GenBank Nucleotide #	NM_017823.3
UniProt Accession #	Q9BVJ7 ; Q9NX48
Molecular Weight	16,588 Da
NCBI Official Full Name	dual specificity protein phosphatase 23
NCBI Official Synonym Full Names	dual specificity phosphatase 23
NCBI Official Symbol	DUSP23
NCBI Official Synonym Symbols	VHZ; MOSP; LDP-3; DUSP25
NCBI Protein Information	dual specificity protein phosphatase 23
UniProt Protein Name	Dual specificity protein phosphatase 23
UniProt Gene Name	DUSP23
UniProt Synonym Gene Names	LDP3; VHZ; LDP-3
UniProt Entry Name	DUS23_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dusp23-antibody-clone-3c10-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/74718>