Mouse anti-Human DUSP6 Monoclonal Antibody | anti-DUSP6 antibody

DUSP6 (Dual Specificity Protein Phosphatase 6, Dual Specificity Protein Phosphatase PYST1, Mitogen-activated Protein Kinase Phosphatase 3, MAP Kinase Phosphatase 3, MKP3, MKP-3, PYST1) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24785	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

DUSP6; Monoclonal Antibody; DUSP6 (Dual Specificity Protein Phosphatase 6; Dual Specificity Protein Phosphatase PYST1; Mitogen-activated Protein Kinase Phosphatase 3; MAP Kinase Phosphatase 3; MKP3; MKP-3; PYST1) (Biotin); anti-DUSP6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3G2
Specificity	Recognizes human DUSP6.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-DUSP6 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-381 from human DUSP6 (AAH03143) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MIDTLRPVPFASEMAISKTVAWLNEQLELGNERLLLMDCRPQELYESSHIESAINVAIPGIMLRRLQKGNLPVRALFTRGEDRDRFTRRCGTDTVVLYDESS
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor

IMAGES

WB (Western Blot)
Western blot analysis of DUSP6 over-expressed 293 cell line, cotransfected with DUSP6 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with DUSP6 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged DUSP6 is ~1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to DUSP6 on HeLa cell. [antibody concentration 10ug/ml.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to DUSP6 on formalin-fixed paraffin-embedded human pancreas. [antibody concentration 3ug/ml].

WB (Western Blot)
Western Blot analysis of DUSP6 expression in transfected 293T cell line by DUSP6 monoclonal antibody. Lane 1: DUSP6 transfected lysate (42kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (67.65kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-DUSP6 antibody	Antibodies; Enzymes; Phosphatase
References	1. Dual specificity phosphatase 6 as a predictor of invasiveness in papillary thyroid cancer. Lee JU, Huang S, Lee MH, Lee SE, Ryu MJ, Kim SJ, Kim YK, Kim SY, Joung KH, Kim JM, Shong M, Jo YS.Eur J Endocrinol. 2012 Jul;167(1):93-101. Epub 2012 Apr 25. 2. Down-Regulation of DUSP6 Expression in Lung Cancer: Its Mechanism and Potential Role in Carcinogenesis. Okudela K, Yazawa T, Woo T, Sakaeda M, Ishii J, Mitsui H, Shimoyamada H, Sato H, Tajiri M, Ogawa N, Masuda M, Takahashi T, Sugimura H, Kitamura H.Am J Pathol. 2009 Aug;175(2):867-81. Epub 2009 Jul 16.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13111942
NCBI GeneID	1848
Molecular Weight	26,468 Da
NCBI Official Full Name	Homo sapiens dual specificity phosphatase 6, mRNA
NCBI Official Synonym Full Names	dual specificity phosphatase 6
NCBI Official Symbol	DUSP6
NCBI Official Synonym Symbols	HH19; MKP3; PYST1
NCBI Protein Information	dual specificity protein phosphatase 6; MAP kinase phosphatase 3; dual specificity protein phosphatase PYST1; mitogen-activated protein kinase phosphatase 3; serine/threonine specific protein phosphatase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/dusp6-antibody-clone-3g2-immunofluorescence-immunohistochemistry-western-blot-elisa/24785