Mouse DTYMK Monoclonal Antibody | anti-DTYMK antibody

DTYMK antibody

CATALOG #	HOST	APPLICATIONS
AAA74783	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

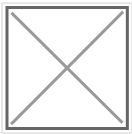
DTYMK; Monoclonal Antibody; DTYMK antibody; Monoclonal DTYMK; Anti-DTYMK; Deoxythymidylate Kinase; Thymidylate Kinase; CDC8; TMPK; TYMK; dTMP kinase; FLJ44192; PP3731; anti-DTYMK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H4
Purity/Purification	DTYMK 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	212
Applicable Applications for anti-DTYMK antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DTYMK is believed to catalyze the conversion of dTMP to dTDP
Cross-Reactivity	Human
Immunogen	DTYMK antibody was raised in mouse using a full length recombinant protein of human DTYMK (NP_036277) 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 DTYMK protein using DTYMK antibody



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

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544174
NCBI GeneID	1841
NCBI Accession #	NP_036277
NCBI GenBank Nucleotide #	NM_012145.3
UniProt Accession #	P23919; Q6FGX1; Q9BUX4; B7ZW70
Molecular Weight	21,064 Da
NCBI Official Full Name	thymidylate kinase isoform 1
NCBI Official Synonym Full Names	deoxythymidylate kinase (thymidylate kinase)
NCBI Official Symbol	DTYMK
NCBI Official Synonym Symbols	CDC8; TMPK; TYMK; PP3731
NCBI Protein Information	thymidylate kinase
UniProt Protein Name	Thymidylate kinase
UniProt Gene Name	**DTYMK**
UniProt Synonym Gene Names	CDC8; TMPK; TYMK
UniProt Entry Name	KTHY_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/dtymk-antibody-clone-1h4-western-blot-immunofluorescence-flow-cytometry-elisa/74783