Mouse anti-Human, Rat DCPS Monoclonal Antibody | anti-DCPS antibody

DCPS (DCS1, HINT5, m7GpppX Diphosphatase, DCS-1, Hint-related 7meGMP-directed Hydrolase, Histidine Triad Protein Member 5, Scavenger mRNA-decapping Enzyme DcpS, HSPC015) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25074	**Mouse**	**Human, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

DCPS; Monoclonal Antibody; DCPS (DCS1; HINT5; m7GpppX Diphosphatase; DCS-1; Hint-related 7meGMP-directed Hydrolase; Histidine Triad Protein Member 5; Scavenger mRNA-decapping Enzyme DcpS; HSPC015) (FITC); anti-DCPS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	1G4
Specificity	Recognizes human DCPS. Species Crossreactivity: rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-DCPS 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 aa1-338 from human DCPS (AAH14532) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MADAAPQLGKRKRELDVEEAHAASTEEKEAGVGNGTCAPVRLPFSGFRLQKVLRESARDKIIFLHGKVNEASEDGDGEDAVVILEKTPFQVEQVAQLLTG
Conjugate	FITC
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 light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
DCPS monoclonal antibody. Western Blot analysis of DCPS expression in PC-12.

Application Data
Detection limit for recombinant GST tagged DCPS is ~3ng/ml as a capture antibody.

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

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to DCPS on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1.5ug/ml]

WB (Western Blot)
DCPS monoclonal antibody Western Blot analysis of DCPS expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (63.18kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-DCPS antibody	Antibodies; Enzymes; Phosphatase

NCBI AND UNIPROT INFORMATION

NCBI GI #	15778904
NCBI GeneID	28960
Molecular Weight	38,609 Da
NCBI Official Full Name	Homo sapiens decapping enzyme, scavenger, mRNA
NCBI Official Synonym Full Names	decapping enzyme, scavenger
NCBI Official Symbol	DCPS
NCBI Official Synonym Symbols	ARS; DCS1; HSL1; HINT5; HINT-5; HSPC015
NCBI Protein Information	m7GpppX diphosphatase

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/dcps-antibody-clone-1g4-immunofluorescence-immunohistochemistry-western-blot-elisa/25074