Mouse DSTN Monoclonal Antibody | anti-DSTN antibody

DSTN antibody

CATALOG #	HOST	APPLICATIONS
AAA106436	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

DSTN; Monoclonal Antibody; DSTN antibody; Monoclonal DSTN; Anti-DSTN; Destrin; ACTDP; ADF; bA462D18.2; Actin Depolymerizing Factor; anti-DSTN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2F7
Purity/Purification	DSTN 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	165
Applicable Applications for anti-DSTN antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	DSTN belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. It is the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin).
Cross-Reactivity	Human, Dog, Monkey
Immunogen	DSTN antibody was raised in mouse using a full length recombinant protein of human DSTN (NP_006861) 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 DSTN protein using DSTN antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of DSTN protein in paraffin embedded Human Kidney tissue using DSTN antibody

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

ADDITIONAL INFORMATION

Related Product Information for anti-DSTN antibody	Mouse monoclonal DSTN antibody
Product Categories/Family for anti-DSTN antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5802966
NCBI GeneID	11034
NCBI Accession #	NP_006861
NCBI GenBank Nucleotide #	NM_006870.3
UniProt Accession #	P60981; P18282; Q5W166; Q6IAW2; B2R6N2; B4DYA6
Molecular Weight	16,621 Da
NCBI Official Full Name	destrin isoform a
NCBI Official Synonym Full Names	destrin (actin depolymerizing factor)
NCBI Official Symbol	DSTN
NCBI Official Synonym Symbols	ADF; ACTDP; HEL32; bA462D18.2
NCBI Protein Information	destrin
UniProt Protein Name	Destrin
UniProt Gene Name	**DSTN**
UniProt Synonym Gene Names	ACTDP; DSN; ADF
UniProt Entry Name	DEST_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/dstn-antibody-clone-2f7-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106436