DSTN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DSTN, Polyclonal Antibody
Full Product Name	DSTN, ID (DSTN, ACTDP, DSN, Destrin, Actin-depolymerizing factor) (MaxLight 405)
Product Gene Name	anti-DSTN antibody
Product Synonym Names	DSTN; ACTDP; DSN; Destrin; Actin-depolymerizing factor
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	165
Chromosome Location	Chromosome: 20; NC_000020.10 (17549818..17588887). Location: 20p12.1
OMIM	609114
3D Structure	ModBase 3D Structure for P60981
Immunogen	DSTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77~106 amino acids from the Center region of human DSTN.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-DSTN antibody	Antibodies; Actin Related Proteins
Applications Tested/Suitable for anti-DSTN antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-DSTN antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-DSTN antibody	DSTN belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This protein encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin).
Product References and Citations for anti-DSTN antibody	Estornes, Y., et.al., Int. J. Cancer 121 (10), 2162-2171 (2007). Mannherz, H.G., et.al., J. Mol. Biol. 366 (3), 745-755 (2007).

Other Notes	Small volumes of anti-DSTN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DSTN purchase	MBS6293614 is an antibody targeting DSTN. Also known as DSTN, ID (DSTN, ACTDP, DSN, Destrin, Actin-depolymerizing factor) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DSTN. It may not necessarily be applicable to this product.

NCBI GI #	58530848
NCBI GeneID	11034
NCBI Accession #	NP_001011546.1
UniProt Primary Accession #	P60981
UniProt Secondary Accession #	P18282; Q5W166; Q6IAW2; B2R6N2; B4DYA6
UniProt Related Accession #	P60981
GenBank Nucleotide #	NM_001011546.1
NCBI Official Full Name	destrin isoform b
NCBI Official Synonym Full Names	destrin (actin depolymerizing factor)
NCBI Official Symbol	DSTN
NCBI Official Synonym Symbols	ADF; ACTDP; bA462D18.2
UniProt Protein Name	Destrin
UniProt Synonym Protein Names	Actin-depolymerizing factor
Protein Family	Destrin
UniProt Gene Name	DSTN
UniProt Synonym Gene Names	ACTDP; DSN; ADF
UniProt Entry Name	DEST_HUMAN
NCBI Protein Information	destrin; actin-depolymerizing factor; bA462D18.2 (destrin (actin depolymerizing factor ADF) (ACTDP))
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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