

KD-Validated Anti-DSTN Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1008**Specification**

KD-Validated Anti-DSTN Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P60981
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 19 kDa, observed, 17 kDa
Gene Name	DSTN
Aliases	DSTN; Destrin, Actin Depolymerizing Factor; ACTDP; ADF; Actin-Depolymerizing Factor; Destrin; BA462D18.2 (Destrin (Actin Depolymerizing Factor ADF) (ACTDP)); Epididymis Secretory Sperm Binding Protein; Destrin (Actin Depolymerizing Factor); Epididymis Luminal Protein 32; BA462D18.2; HEL32; DSN
Immunogen	A synthesized peptide derived from human Destrin

KD-Validated Anti-DSTN Rabbit Monoclonal Antibody - Additional Information

Gene ID	11034
Other Names	
Destrin, Actin-depolymerizing factor, ADF, DSTN, ACTDP, DSN	

KD-Validated Anti-DSTN Rabbit Monoclonal Antibody - Protein Information**Name** DSTN**Synonyms** ACTDP, DSN**Function**

Actin-depolymerizing protein. Severs actin filaments (F-actin) and binds to actin monomers (G-actin). Acts in a pH-independent manner.

Tissue Location

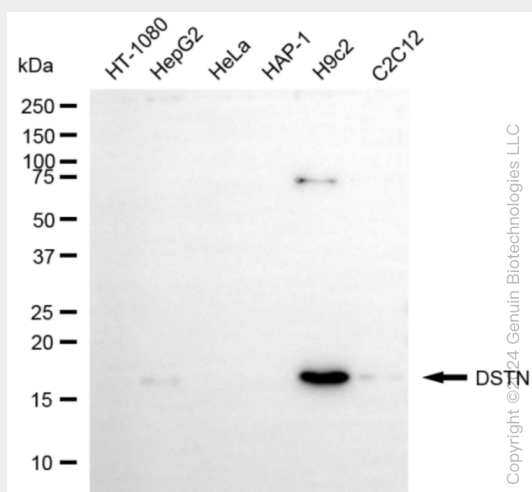
Widely distributed in various tissues.

KD-Validated Anti-DSTN Rabbit Monoclonal Antibody - Protocols

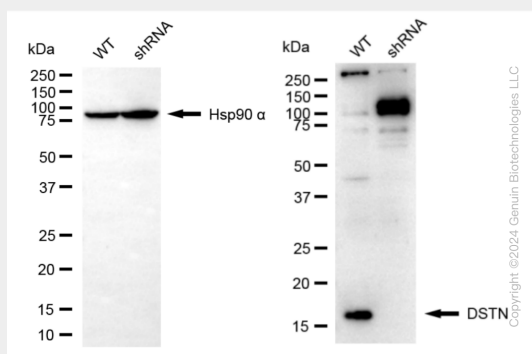
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

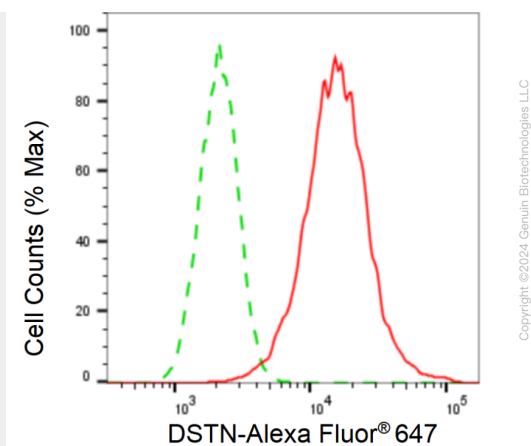
KD-Validated Anti-DSTN Rabbit Monoclonal Antibody - Images



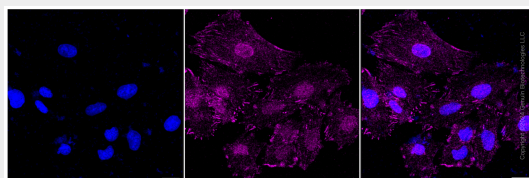
Western blotting analysis using anti-DSTN antibody (Cat#AGI1008). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DSTN antibody (Cat#AGI1008, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-DSTN antibody (Cat#AGI1008). DSTN expression in wild type (WT) and DSTN shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-DSTN antibody (Cat#AGI1008, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of DSTN expression in H9c2 cells using DSTN antibody (Cat#AGI1008, 1:2,000). Green, isotype control; red, DSTN.



Immunocytochemical staining of H9C2 cells with anti-DSTN antibody (Cat#AGI1008, 1:1,000). Nuclei were stained blue with DAPI; DSTN was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.