

**KD-Validated Anti-DSTN Mouse Monoclonal Antibody**  
**Mouse monoclonal antibody**  
**Catalog # AGI1906****Specification**

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**KD-Validated Anti-DSTN Mouse Monoclonal Antibody - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">P60981</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	Predicted, 19 kDa, Observed, 19 kDa
Gene Name	KDa 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	Recombinant protein of human DSTN

**KD-Validated Anti-DSTN Mouse Monoclonal Antibody - Additional Information**

Gene ID	11034
<b>Other Names</b>	
Destrin, Actin-depolymerizing factor, ADF, DSTN, ACTDP, DSN	

**KD-Validated Anti-DSTN Mouse 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**

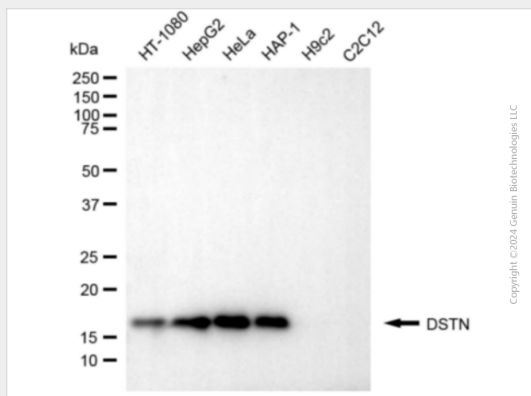
Widely distributed in various tissues.

**KD-Validated Anti-DSTN Mouse Monoclonal Antibody - Protocols**

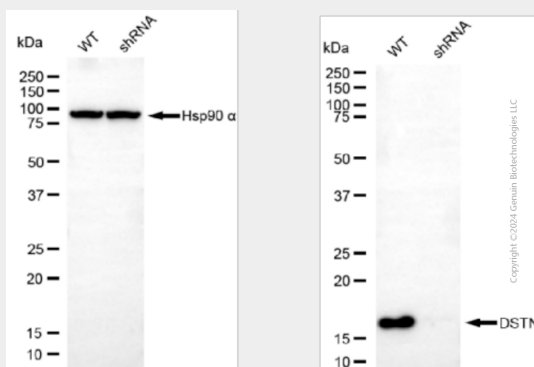
Provided below are standard protocols that you may find useful for product applications.

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

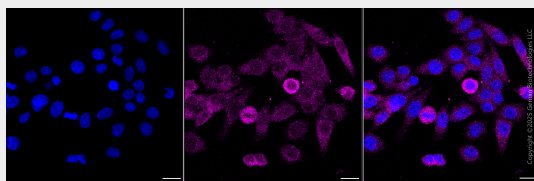
## KD-Validated Anti-DSTN Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-DSTN antibody (Cat#AGI1906). 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#AGI1906, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-DSTN antibody (Cat#AGI1906). DSTN expression in wild type (WT) and DSTN shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-DSTN antibody (Cat#AGI1906, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-DSTN antibody (Cat#AGI1906, 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□Low. Scale bar, 20 µm.

