

## Catalog #: 4783

### 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

### Background

Gene Name: DSTN

NCBI Gene Entry: [11034](#)

UniProt Entry: [P60981](#)

### Application Information

Molecular Weight: Predicted, 19 kDa; observed, 19 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB12920

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

### Immunogen

Recombinant protein of human DSTN

### Isotype

Mouse IgG1

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

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#### SUPPORT

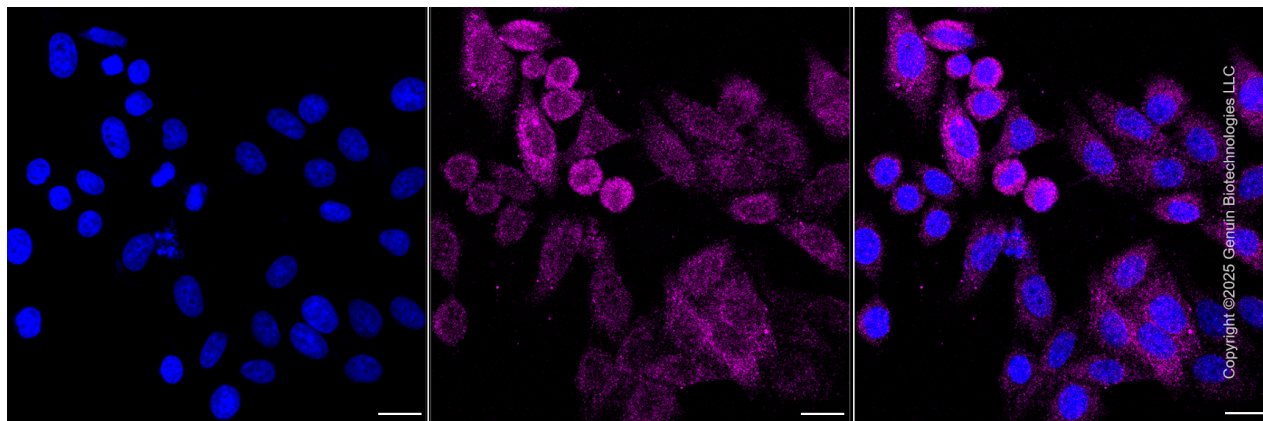
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#### ORDERS

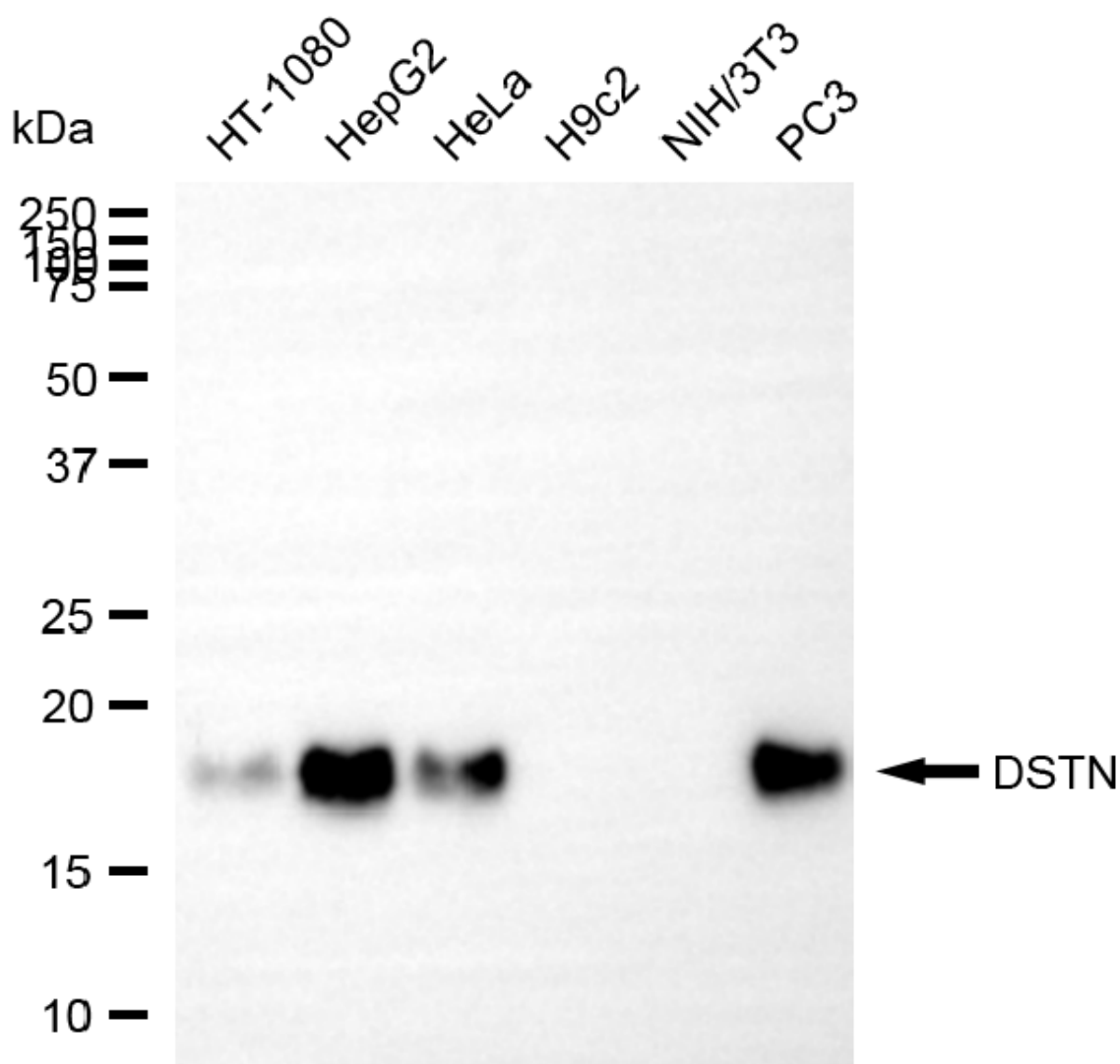
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## Validation Data



Immunocytochemical staining of HepG2 cells with anti-DSTN antibody (Cat#4783, 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  $\mu$ m.



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Western blotting analysis using anti-DSTN antibody (Cat#4783). 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#4783, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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