

## Product datasheet for **TA502641AM**

### **Destrin (DSTN) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1C8]**

#### **Product data:**

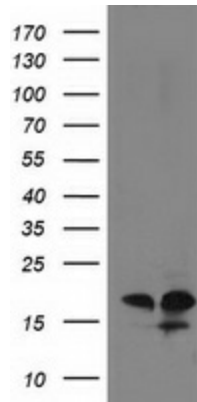
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1C8
<b>Applications:</b>	FC, IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IHC 1:150, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human DSTN (NP_006861) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	18.3 kDa
<b>Gene Name:</b>	destrin, actin depolymerizing factor
<b>Database Link:</b>	<a href="#">NP_006861</a> <a href="#">Entrez Gene 11034 Human</a> <a href="#">P60981</a>
<b>Background:</b>	The product of this gene belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This gene encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin). Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]



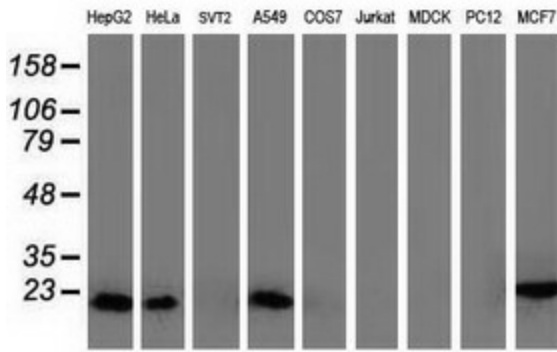
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Synonyms: ACTDP; ADF; bA462D18.2; HEL32

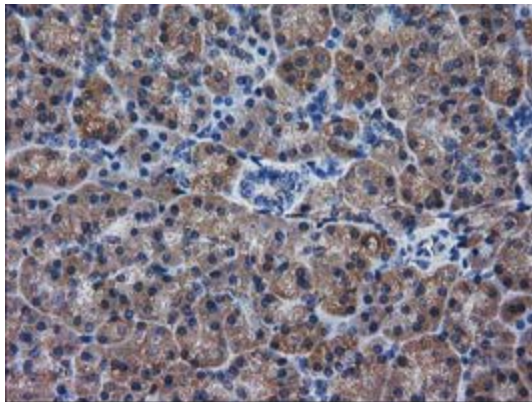
**Product images:**



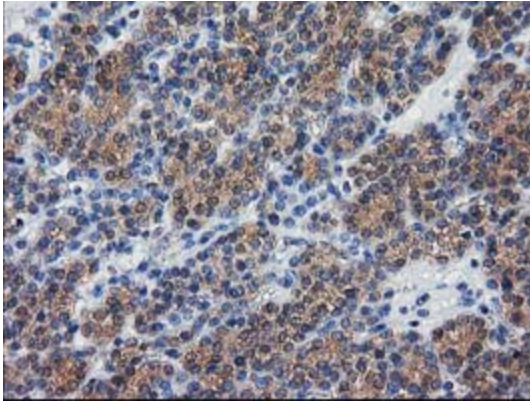
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DSTN ([RC203419], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DSTN. Positive lysates [LY402051] (100ug) and [LC402051] (20ug) can be purchased separately from OriGene.



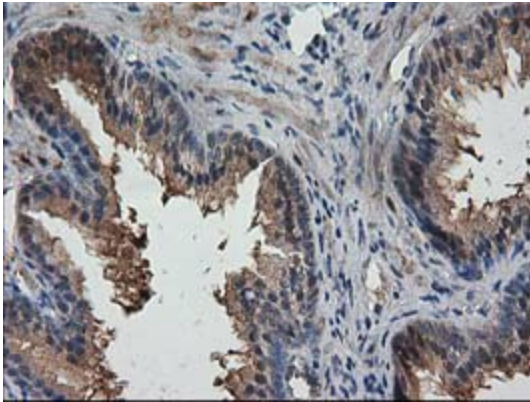
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DSTN monoclonal antibody.



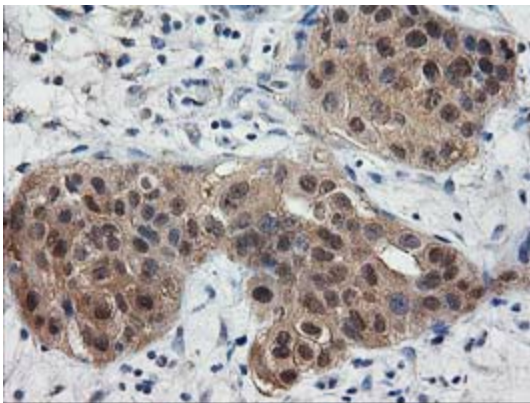
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-DSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502641])



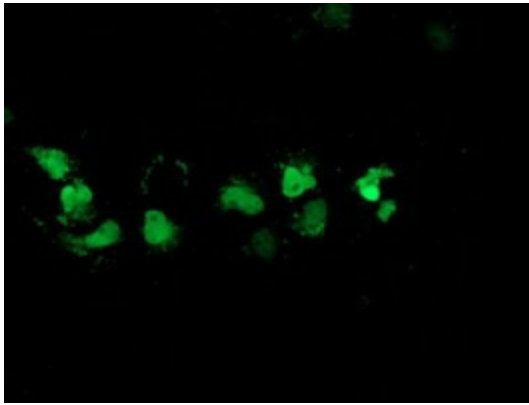
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-DSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502641])



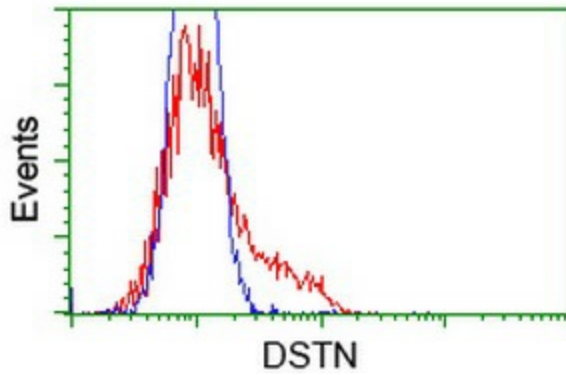
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-DSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502641])



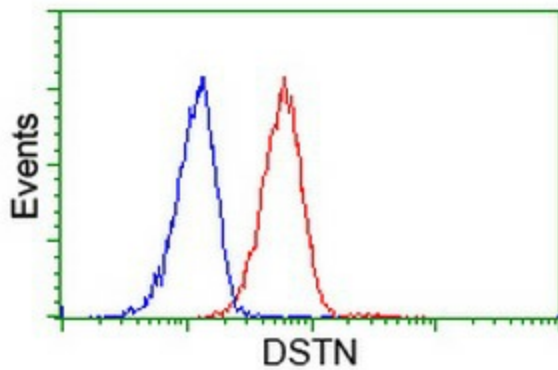
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-DSTN mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502641])



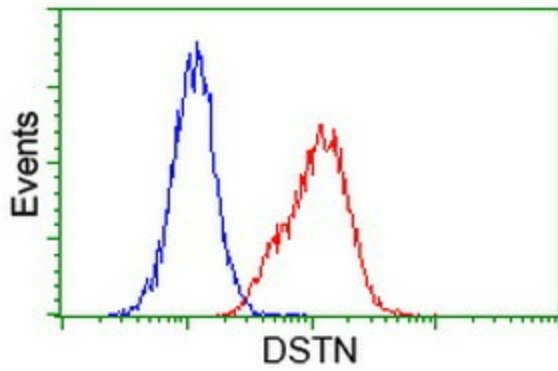
Anti-DSTN mouse monoclonal antibody ([TA502641]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY DSTN ([RC203419]).



HEK293T cells transfected with either [RC203419] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-DSTN antibody ([TA502641]), and then analyzed by flow cytometry.



Flow cytometric Analysis of HeLa cells, using anti-DSTN antibody ([TA502641]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-DSTN antibody ([TA502641]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue).