

For Research Use Only

# Dextrin Polyclonal antibody, PBS Only

Catalog Number:10962-2-PBS



## Basic Information

<b>Catalog Number:</b> 10962-2-PBS	<b>GenBank Accession Number:</b> BC009477	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11034	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P60981	
<b>Isotype:</b> IgG	<b>Full Name:</b> dextrin (actin depolymerizing factor)	
<b>Immunogen Catalog Number:</b> AG1402	<b>Calculated MW:</b> 19 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Dextrin (also known as actin depolymerization factor, ADF) is an actin-binding protein contributing to cytoskeletal dynamics by promoting rapid actin filament disassembly. By regulating actin cytoskeletal reorganization it plays an important role in the formation of filopodia, which further promotes tumor cell invasion and metastasis. Dextrin has been reported to be overexpressed in primary colon cancer.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

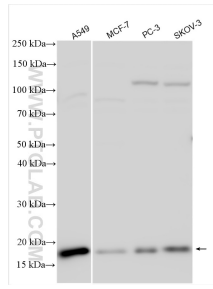
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

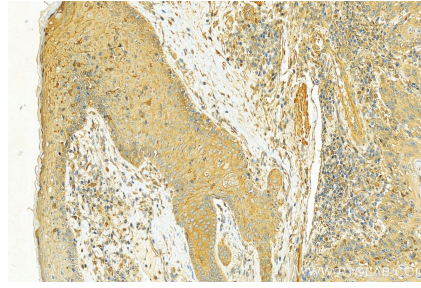
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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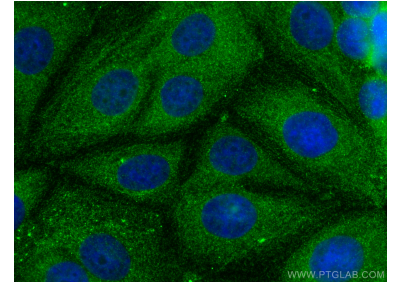
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10962-2-AP (Destrin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10962-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 10962-2-AP (Destrin antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10962-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Destrin antibody (10962-2-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 10962-2-PBS in a different storage buffer formulation.