

For Research Use Only

# PLS3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 86323-1-PBS



## Basic Information

Catalog Number:	86323-1-PBS	GenBank Accession Number:	NM_005032	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	5358	CloneNo.:	250908B6
Isotype:	IgG	UNIPROT ID:	P13797	Full Name:	plastin 3 (T isoform)
		Calculated MW:	71 kDa	Observed MW:	68 kDa

## Applications

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

Species Specificity:  
human, mouse

## Background Information

PLS3, also named T-plastin and Plastin-3, is an actin-bundling protein found in intestinal microvilli, hair cell stereocilia, and fibroblast filopodia. It plays an important role in leukocyte function. L-plastin plays an important role in leukocyte function, and T-plastin is possibly involved in DNA repair. Both T- and L-plastin are implicated in several diseases, and L-plastin is considered to be a valuable marker for cancer (PMID: 15960882).

## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage Buffer:  
PBS only, pH7.3

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

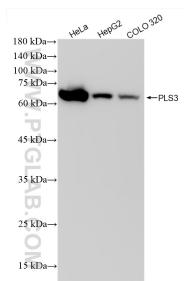
T: 4006900926

E: Proteintech-CN@ptglab.com

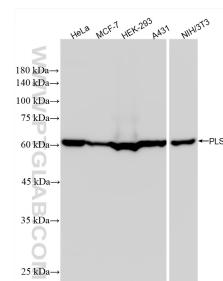
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

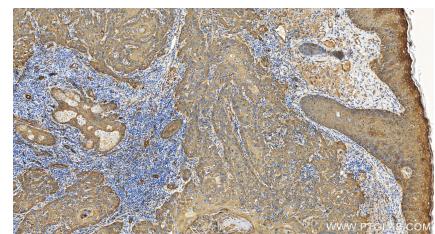
## Selected Validation Data



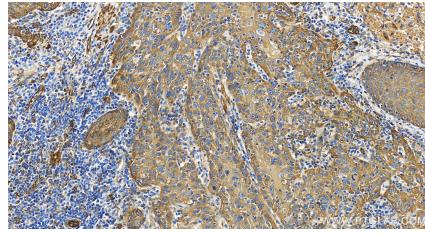
Various lysates were subjected to SDS PAGE followed by western blot with 86323-1-RR (PLS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86323-1-PBS in a different storage buffer formulation.



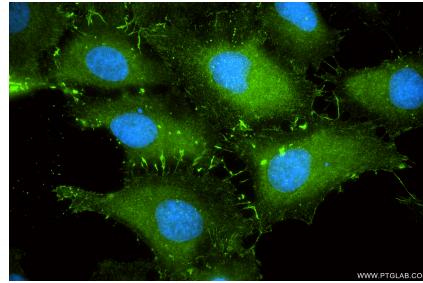
Various lysates were subjected to SDS PAGE followed by western blot with 86323-1-RR (PLS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86323-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 86323-1-RR (PLS3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86323-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 86323-1-RR (PLS3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86323-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PLS3 antibody (86323-1-RR, Clone: 25090886) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86323-1-PBS in a different storage buffer formulation.