

For Research Use Only

# PLS3 Recombinant monoclonal antibody

Catalog Number: 86323-1-RR



## Basic Information

|                 |            |                           |                       |                        |  |
|-----------------|------------|---------------------------|-----------------------|------------------------|--|
| Catalog Number: | 86323-1-RR | GenBank Accession Number: | NM_005032             | Purification Method:   | Protein A purification   |
| Source:         | Rabbit     | GenID (NCBI):             | 5358                  | CloneNo.:              | 250908B6   |
| Isotype:        | IgG        | UNIPROT ID:               | P13797                | Recommended Dilutions: | WB: 1:2000-1:10000<br>IHC: 1:250-1:1000<br>IF/ICC: 1:200-1:800 |
|                 |            | Full Name:                | plastin 3 (T isoform) |                        |  |
|                 |            | Calculated MW:            | 71 kDa                |                        |  |
|                 |            | Observed MW:              | 68 kDa                |                        |  |

## Applications

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

Species Specificity:  
human, mouse

**Note-IHC:** suggested antigen retrieval with  
**TE buffer pH 9.0;** (\*) Alternatively, antigen  
retrieval may be performed with **citrate**  
**buffer pH 6.0**

Positive Controls:

**WB:** HeLa cells, HepG2 cells, COLO 320 cells, MCF-7 cells, HEK-293 cells, A431 cells, NIH/3T3 cells

**IHC:** human skin cancer tissue,

**IF/ICC:** HeLa cells,

## 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 -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

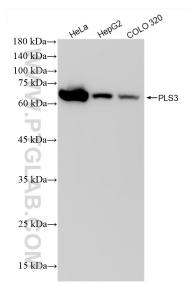
T: 4006900926

E: Proteintech-CN@ptglab.com

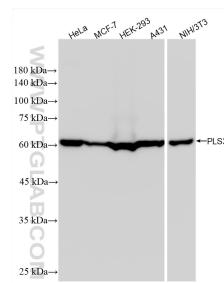
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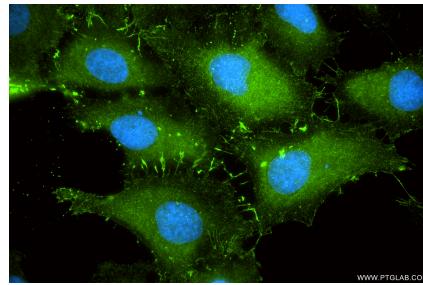
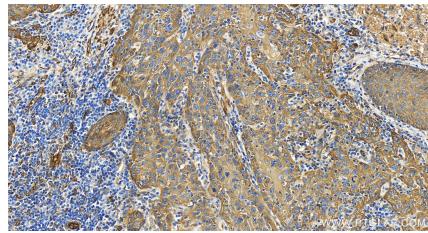
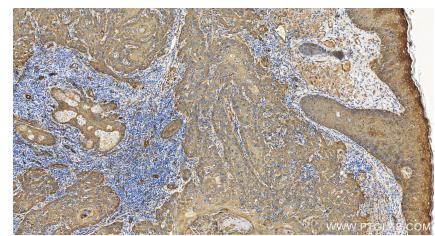
## Selected Validation Data



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.



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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).