

ARG45596 anti-T Plastin / PLS3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes T Plastin / PLS3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	T Plastin / PLS3
Species	Human
Immunogen	Recombinant protein containing to human T Plastin / PLS3.
Conjugation	Un-conjugated
Alternate Names	PLS3; Plastin 3; T-Plastin; Plastin-3; Plastin 3 (T Isoform); T Fimbrin; T Plastin; T-Fimbrin; BMND18; DIH5

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IP	2-4 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	71 kDa	

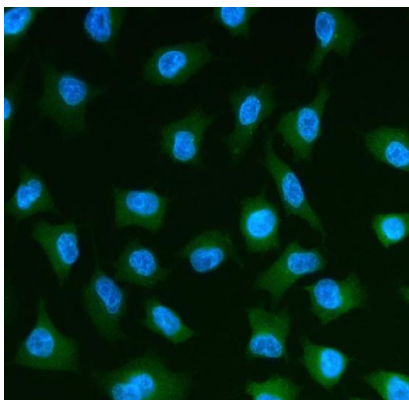
Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

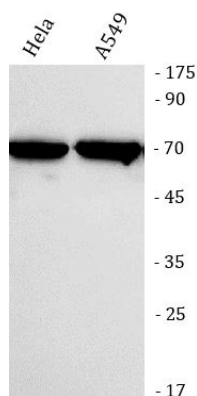
Gene Symbol	PLS3
Gene Full Name	Plastin 3
Background	Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Feb 2010]
Function	Actin-bundling protein. [UniProt]
Calculated Mw	71 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



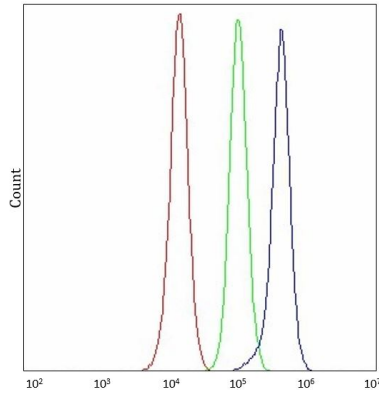
ARG45596 anti-T Plastin / PLS3 antibody ICC/IF image

Immunofluorescence: A549 stained with ARG45596 anti-T Plastin / PLS3 antibody at 5 µg/ml dilution.



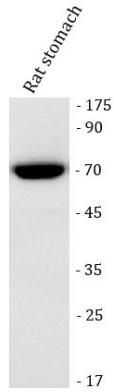
ARG45596 anti-T Plastin / PLS3 antibody WB image

Western blot: HeLa and A549 stained with ARG45596 anti-T Plastin / PLS3 antibody at 0.5 µg/ml dilution.



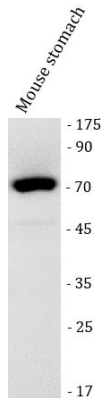
ARG45596 anti-T Plastin / PLS3 antibody FACS image

Flow Cytometry: PC-3 stained with ARG45596 anti-T Plastin / PLS3 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



ARG45596 anti-T Plastin / PLS3 antibody WB image

Western blot: Rat stomach stained with ARG45596 anti-T Plastin / PLS3 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45596 anti-T Plastin / PLS3 antibody WB image

Western blot: Mouse stomach stained with ARG45596 anti-T Plastin / PLS3 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.