



# Mouse anti-Human PLS1 monoclonal antibody, clone 4H21 (CABT-B11018)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	PLS1 (NP_002661, 1 a.a. ~ 103 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4H21
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	MENSTTTISREELEELQEAFNKIDIDNSGYVSDYELQDLFKEASLPLPGYKVREIVEKIL SVADSNKDGKISFEEFVSLMQELKSKDISKTFRKIINKREGI*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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
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plastin isoforms (L and T) have been identified. The protein encoded by this gene is a third distinct plastin isoform, which is specifically expressed at high levels in the small intestine. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. A pseudogene of this gene is found on chromosome 11.[provided by RefSeq, Feb 2010]

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<b>Keywords</b>	PLS1; plastin 1; plastin-1; fimbrin; I plastin; intestine specific plastin; intestine-specific plastin;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">5357</a>
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<b>UniProt ID</b>	<a href="#">Q14651</a>
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<b>Function</b>	actin filament binding; calcium ion binding; structural constituent of cytoskeleton
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