



# Human Anti-Human SLA/LP Chimeric Monoclonal Antibody, clone 47311 (CABT-Z519H)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	This human chimeric monoclonal antibody is produced in transgenic mouse strains in which the sequence for mouse IgG4 Fc region is substituted with the human sequence.
<b>Immunogen</b>	Human SLA/LP.
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	47311
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg, 1 mg
<b>Buffer</b>	Natural pH and 10% glycerol.
<b>Preservative</b>	None

<b>Storage</b>	Store at -70°C or below. Avoid freeze / thaw cycle.
----------------	---

<b>Ship</b>	Wet ice
-------------	---------

## BACKGROUND

<b>Introduction</b>	The amino acid selenocysteine is the only amino acid that does not have its own tRNA synthetase. Instead, this amino acid is synthesized on its cognate tRNA in a three step process. The protein encoded by this gene catalyzes the third step in the process, the conversion of Ophosphoseryl-tRNA(Sec) to selenocysteinyl-tRNA(Sec).
---------------------	---

<b>Keywords</b>	SEPSECS;Sep (O-phosphoserine) tRNA:Sec (selenocysteine) tRNA synthase; LP;SLA;PCH2D;SLA/LP
-----------------	--

## GENE INFORMATION

<b>Gene Name</b>	SEPSECS
------------------	---------

<b>Entrez Gene ID</b>	<a href="#">51091</a>
-----------------------	-----------------------

<b>UniProt ID</b>	<a href="#">Q9HD40</a>
-------------------	------------------------