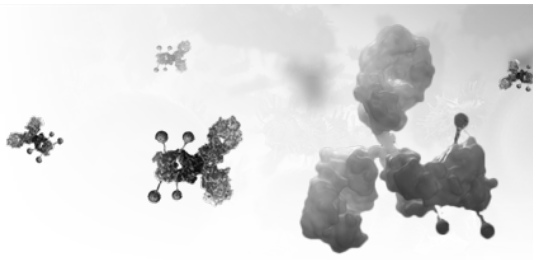

Mouse anti-Human RPLP1 monoclonal antibody, clone 2H20 (CABT-B9531)

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

PRODUCT INFORMATION

Immunogen	RPLP1 (NP_000994.1, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2H20
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA, ICC, IF, WB
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a

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	large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal phosphoprotein that is a component of the 60S subunit. The protein, which is a functional equivalent of the E. coli L7/L12 ribosomal protein, belongs to the L12P family of ribosomal proteins. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic. Its C-terminal end is nearly identical to the C-terminal ends of the ribosomal phosphoproteins P0 and P2. The P1 protein can interact with P0 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Two alternatively spliced transcript variants that encode different proteins have been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]
Keywords	RPLP1; ribosomal protein, large, P1; P1; LP1; RPP1; 60S acidic ribosomal protein P1; acidic ribosomal phosphoprotein P1;

GENE INFORMATION

Entrez Gene ID	6176
UniProt ID	A0A024R608

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