



Datasheet for ABIN969290 anti-Mps1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Mps1 (TTK)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of MPS1 expressed in E. coli.
Clone:	4A12
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Mps1 (TTK)
Alternative Name:	MPS1 (TTK Products)
Background:	<p>Description: MPS1, also known as RPS27. It is a ribosomal protein. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. MPS1 is a component of the 40S subunit. The protein belongs to the S27E family of ribosomal proteins. It contains a C4-type zinc finger domain that can bind to zinc. The</p>

Target Details

encoded protein has been shown to be able to bind to nucleic acid. It is located in the cytoplasm as a ribosomal component, but it has also been detected in the nucleus. Studies in rat indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Aliases: RPS27

Molecular Weight:	95 kDa
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Gene ID:	6232
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HGNC:	6232
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Application Details

Application Notes:	ELISA: 1:10000, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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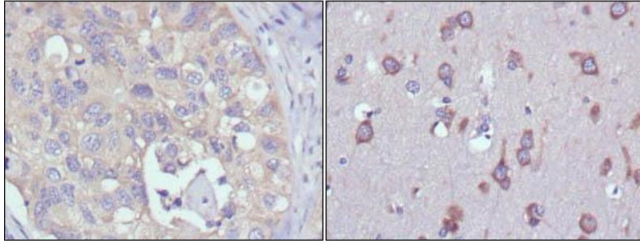
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and human brain (right) tissues using MPS1 mouse mAb with DAB staining.