
MPS1 (4A12) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252891

Unit: 0.1 ml

Description:

MPS1 (Metallopan-stimulin 1) 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. MSP1 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 indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3.

Isotype: Mouse IgG1

Applications: IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH7.4 with 0.03% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: 40S ribosomal protein S27; Metallopan-stimulin 1; MPS-1; RPS27

Accession No.: P42677

Antigen: Purified recombinant fragment of MPS1 expressed in *E. coli*.

Application Notes: IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.