

KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1640**Specification**

KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	Q6P1K2
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 23 kDa , observed , 23 kDa KDa
Gene Name	PMF1
Aliases	Polyamine Modulated Factor 1; Polyamine-Modulated Factor 1; Est1p-Like Protein B (EST1B); PMF-1
Immunogen	A synthesized peptide derived from human PMF1

KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	100527963;11243
Other Names	
Polyamine-modulated factor 1, PMF-1, PMF1 {ECO:0000312 EMBL:AAH65031.1}	

KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody - Protein Information**Name** PMF1 {ECO:0000312|EMBL:AAH65031.1}**Function**

Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.

Cellular Location

Nucleus. Chromosome, centromere, kinetochore Note=Associated with the kinetochore

Tissue Location

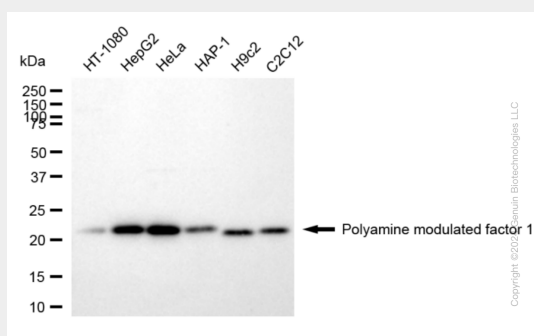
Highest levels of expression in heart and skeletal muscle, with significant levels expressed in kidney and liver

KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody - Protocols

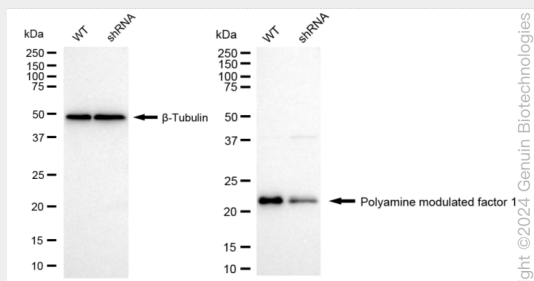
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

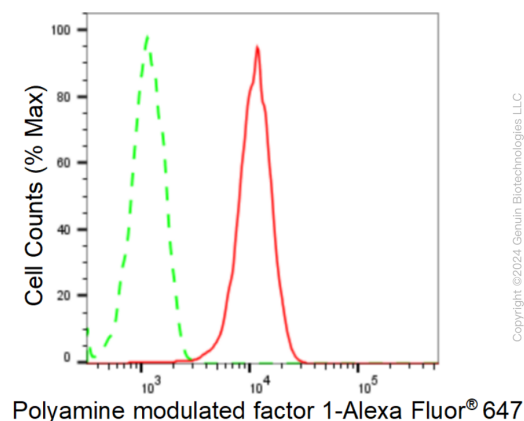
KD-Validated Anti-Polyamine Modulated Factor 1 Rabbit Monoclonal Antibody - Images



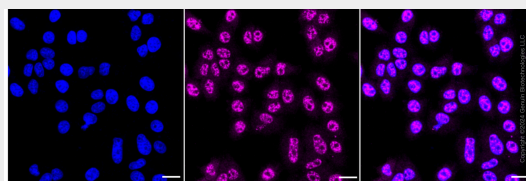
Western blotting analysis using anti-Polyamine modulated factor 1 antibody (Cat#AGI1640). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Polyamine modulated factor 1 antibody (Cat#AGI1640, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Polyamine modulated factor 1 antibody (Cat#AGI1640). Polyamine modulated factor 1 expression in wild type (WT) and Polyamine modulated factor 1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Polyamine modulated factor 1 antibody (Cat#AGI1640, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Polyamine modulated factor 1 expression in HepG2 cells using anti-Polyamine modulated factor 1 antibody (Cat#AGI1640, 1:2,000). Green, isotype control; red, Polyamine modulated factor 1.



Immunocytochemical staining of HepG2 cells with anti-Polyamine modulated factor 1 antibody (Cat#AGI1640, 1:1,000). Nuclei were stained blue with DAPI; Polyamine modulated factor 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.