

PSMC5 monoclonal antibody

Catalog: MB11477

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair. PSMC5 belongs to the heterohexameric ring of AAA (ATPases associated with diverse cellular activities) proteins that unfolds ubiquitinated target proteins that are concurrently translocated into a proteolytic chamber and degraded into peptides.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 46 kDa; Observed MW: 46 kDa

Swiss-Prot:

P62195

Purification&Purity:

Affinity Purified

Applications:

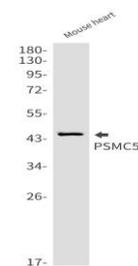
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of PSMC5 in mouse heart lysates using PSMC5 antibody.

Western blot analysis of PSMC5 in C6, Hela lysates using PSMC5 antibody.

Immunocytochemistry analysis of PSMC5 in Hela using PSMC5 antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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