bsm-54170R

[Primary Antibody]

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PSMA1 Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 10A2
GeneID: 5682 SWISS: P25786

Target: PSMA1

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Ubiquitin-dependent proteolysis mediates selective destruction of

various cell cycle regulators, transcription factors and tumor suppressors. In eukaryotic cells, selective breakdown of cellular proteins is ensured by their ubiquitination and subsequent degradation by the 26S proteasome. At specific stages of development, embryo- and tissue-specific components of the 26S proteasome form, facilitating proteolysis. 20S Proteasome?, also designated macropain subunit C2 or PROS-30, is a prosomal protein involved in a non-lysosomal ATP/ubiquitin-dependent proteolytic pathway. The entire proteasome is composed of at least 15 non-identical subunits which form a highly-ordered ring-

shaped structure.

Applications: WB (1:500-2000)

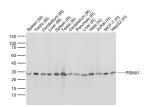
IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Flow-Cyt (1:50-200) ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

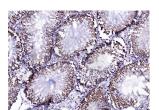
Predicted 30 kDa

Subcellular Location: Cytoplasm ,Nucleus

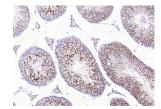
VALIDATION IMAGES -



Sample: Lane 1: Mouse Spleen tissue lysates Lane 2: Mouse Testis tissue lysates Lane 3: Mouse Cerebellum tissue lysates Lane 4: Mouse Liver tissue lysates Lane 5: Rat Spleen tissue lysates Lane 6: Rat Testis tissue lysates Lane 7: Rat Cerebellum tissue lysates Lane 8: Rat Pancreas tissue lysates Lane 9: Rat Liver tissue lysates Lane 10: Human Hela cell lysates Lane 11: Human Jurkat cell lysates Lane 12: Human MCF-7 cell lysates Lane 13: Human HepG2 cell lysates Primary: Anti-PSMA1 (bsm-54170R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kD Observed band size: 32 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSMA1) Monoclonal Antibody, Unconjugated (bsm-54170R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSMA1) Monoclonal Antibody, Unconjugated (bsm-54170R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.