

[KO]PSMB10/MECL1 Rabbit mAb

Catalog # AP75970

Product Information

Application	WB, IHC-P, FC
Primary Accession	P40306
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	28936

Additional Information

Gene ID	5699
Other Names	PSMB10
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

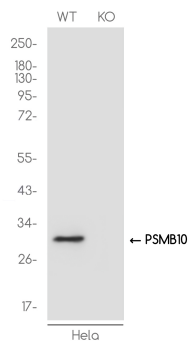
Name	PSMB10
Synonyms	LMP10, MECL1
Function	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides.
Cellular Location	Cytoplasm {ECO:0000255 PROSITE-ProRule:PRU00809}. Nucleus

Background

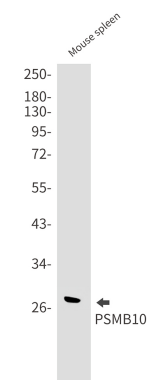
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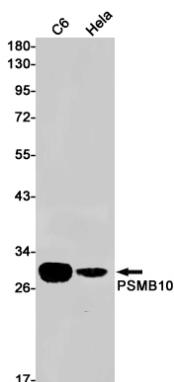
Images



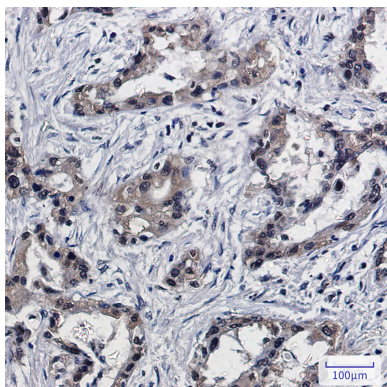
Western blot analysis of PSMB10 in HeLa(WT) and PSMB10-Knockout HeLa(KO) using PSMB10 antibody.



Western blot analysis of PSMB10 in mouse spleen lysates using PSMB10 antibody.



Western blot analysis of PSMB10 in C6, HeLa lysates using PSMB10 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using PSMB10 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.