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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMB4 monoclonal antibody (M01), clone 6G7-E8

Catalog # : H00005692-M01

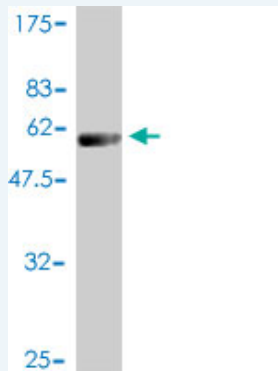
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant PSMB4.
Immunogen:	PSMB4 (AAH00331, 1 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MEAF LGSR SGLWAGGPAPGQFYRIPSTPDSFMDPASALYRGPITRTQN PMVTGTSVLGVKFEGGVVIAADMLGSYGSLARFRNISRIMRVNNSMLG ASGDYADFQYLKQVLGQMVIDEELLGDGHSYSPRAIHSWLTRAMYSRRS KMNPLWNTMVGGYADGESFLGYVDMLGVAYEAPSLATGYGAYLAQPL LREVLEKQPVLSQTEARDLVERCMRVLYYRDARSYNRFQTATVTEKGV EIEGPLSTETNWDIAHMISGFE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (54.78 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

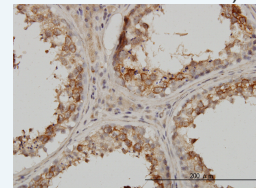
Publication Reference

1. [Predictive value of PAK6 and PSMB4 expression in patients with localized prostate cancer treated with dose-escalation radiation therapy and androgen deprivation therapy.](#)
Zapatero A, Morente M, Nieto S, Martin de Vidales C, Lopez C, Adrados M, Arellano R, Artiga MJ, Garcia-Vicente F, Herranz LM, Leaman O. Urol Oncol. 2014 Jun 16. pii: S1078-1439(14)00167-7.

Application Image

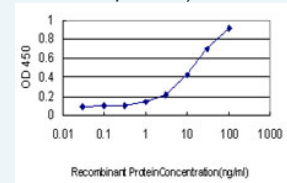
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



[enlarge](#)

Sandwich ELISA (Recombinant protein)




[enlarge](#)

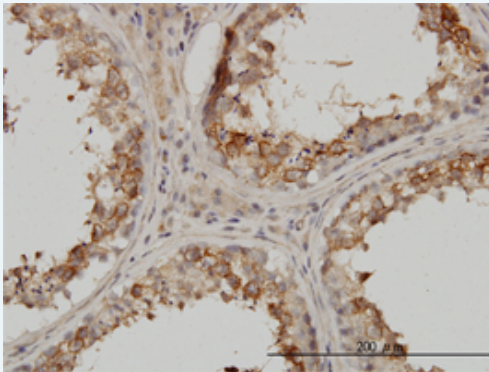
ELISA

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

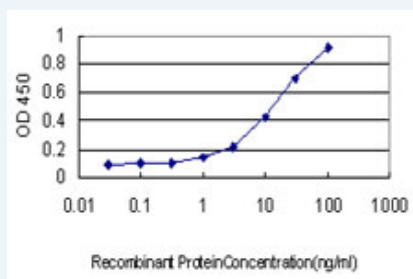


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to PSMB4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PSMB4 is approximately 0.3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5692](#)

GeneBank [BC000331](#)

Accession#:

Protein [AAH00331](#)

Accession#:

Gene Name: PSMB4

Gene Alias: HN3,HsN3,PROS26

Gene Description: proteasome (prosome, macropain) subunit, beta type, 4

Omim ID: [602177](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent

process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. [provided by RefSeq]

Other Designations: macropain beta chain,multicatalytic endopeptidase complex beta chain,proteasome beta 4 subunit,proteasome beta chain,proteasome chain 3,proteasome subunit HsN3,proteasome subunit, beta type, 4

Gene Pathway

[Proteasome](#)

Related Disease

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