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Produktinformation



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Diagnostik & molekulare Diagnostik



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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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PSMB5 purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00005693-B02P

規格 : [50 ug]

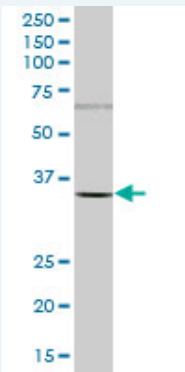
[List All](#)

Specification

| | |
|---------------------------------|---|
| Product Description: | Mouse polyclonal antibody raised against a full-length human PSMB5 protein. |
| Immunogen: | PSMB5 (NP_002788.1, 1 a.a. ~ 263 a.a) full-length human protein. |
| Sequence: | MALASVLERPLPVNQRGFFGLGGRADLLDLGPGSLSDGLSLAAPGWG VPEEPGIEMLHGTTTTLAFKFRHGVIVAADSRATAGAYIASQTVKKVIEINPY LLGTMAGGAADCSFWERLLARQCRIYELRNKERISVAAASKLLANMYYQ YKGMGLSMGTMICGWDKRGPGLYYVDSEGNRISGATFSVSGSVYAY GVMDRGYSYDLEVEQAYDLARRAIQATYRDAYS GGAVNLYHVREDGW IRVSSDNVADLHEKYSGSTP |
| Host: | Mouse |
| Reactivity: | Human |
| Quality Control Testing: | Antibody reactive against mammalian transfected lysate. |
| 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 |

Applications

Western Blot (Tissue lysate)



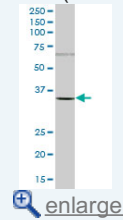
PSMB5 MaxPab polyclonal antibody. Western Blot analysis of PSMB5 expression in human liver.

 [Protocol Download](#)

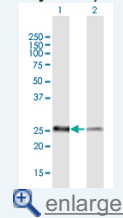
Western Blot (Transfected lysate)

Application Image

Western Blot (Tissue lysate)

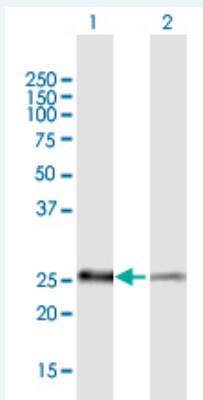


Western Blot (Transfected lysate)



Immunofluorescence



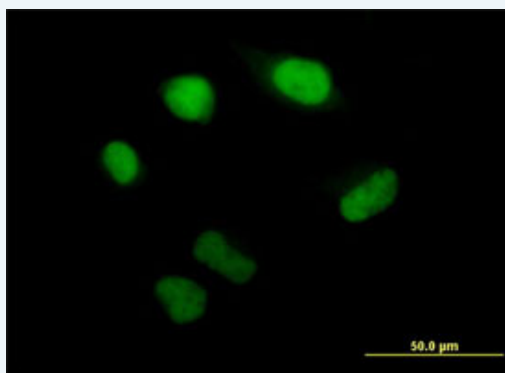


Western Blot analysis of PSMB5 expression in transfected 293T cell line (H00005693-T02) by PSMB5 MaxPab polyclonal antibody.

Lane 1: PSMB5 transfected lysate(28.93 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to PSMB5 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5693](#)

GeneBank [NM_002797.2](#)
Accession#:

Protein [NP_002788.1](#)
Accession#:

Gene Name: PSMB5

Gene Alias: LMPX,MB1,MGC104214,X

Gene proteasome (prosome, macropain) subunit, beta type, 5
Description:

Omim ID: [600306](#)

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 in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq

Other Designations: PSX large multifunctional protease X,macropain epsilon chain,multicatalytic endopeptidase complex epsilon chain,proteasome beta 5 subunit,proteasome catalytic subunit 3,proteasome chain 6,proteasome epsilon chain,proteasome subunit MB1,proteasome subunit

Gene Pathway

Proteasome

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