

### Anti-PSMB4 antibody ab55628

[2 References](#) [3 图像](#)

#### 概述

产品名称	Anti-PSMB4抗体
描述	小鼠单克隆抗体to PSMB4
宿主	Mouse
经测试应用	适用于: IHC-P, ICC/IF, WB, Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human Proteasome subunit beta type 4 aa 1-265. Database link: <a href="#">P28070</a>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG1
轻链类型	kappa

#### 应用

**The Abpromise guarantee** [Abpromise™](#) 承诺保证使用ab55628于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

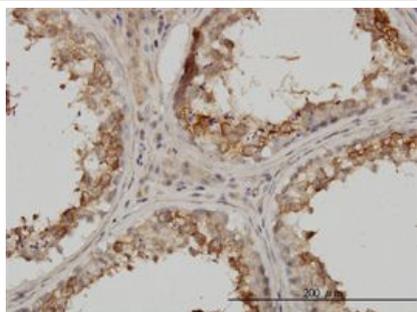
应用	Ab评论	说明
IHC-P		Use a concentration of 3 µg/ml.
ICC/IF		1/500.

应用	Ab评论	说明
<b>WB</b>		Use a concentration of 1 - 5 µg/ml. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
<b>Flow Cyt</b>		Use 1 µg for 10 <sup>6</sup> cells. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

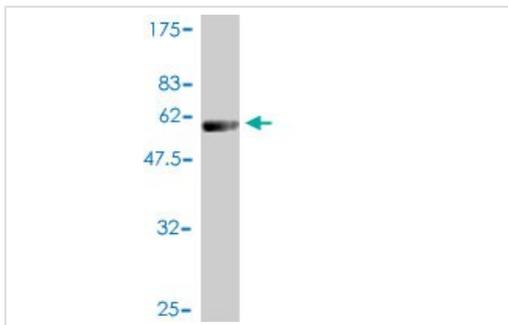
<b>功能</b>	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Mediates the lipopolysaccharide-induced signal macrophage proteasome (By similarity). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.
<b>序列相似性</b>	Belongs to the peptidase T1B family.
<b>细胞定位</b>	Cytoplasm. Nucleus.

## 图片



Proteasome subunit beta type 4 antibody (ab55628) used in immunohistochemistry at 3µg/ml on formalin fixed and paraffin embedded human testis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Proteasome subunit beta type 4 antibody (ab55628)



Western blot - Anti-Proteasome subunit beta type 4 antibody (ab55628)

Flow Cytometry - Anti-Proteasome subunit beta type 4 antibody (ab55628)

Western blot against tagged recombinant protein immunogen using ab55628 Proteasome subunit beta type 4 antibody at 1 µg/ml.

Predicted band size of immunogen is 55 kDa

Overlay histogram showing HeLa cells stained with ab55628 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab55628, 1 µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in HeLa cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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