


Product datasheet

Anti-PSMG1 antibody ab92278

3 图像

概述

产品名称	Anti-PSMG1抗体
描述	山羊多克隆抗体to PSMG1
宿主	Goat
特异性	Expected to recognize both reported isoforms (NP_003711.1; NP_982257.1).
经测试应用	适用于: Flow Cyt, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Cow, Dog, Baboon, Common marmoset 
免疫原	Synthetic peptide: C-KLMTTNEIQSNIYT , corresponding to C terminal amino acids 275 - 288 of Human PSMG1 (NP_003711.1; NP_982257.1). Run BLAST with Run BLAST with
阳性对照	Jurkat cell lysate

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: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
纯化说明	Purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab92278** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

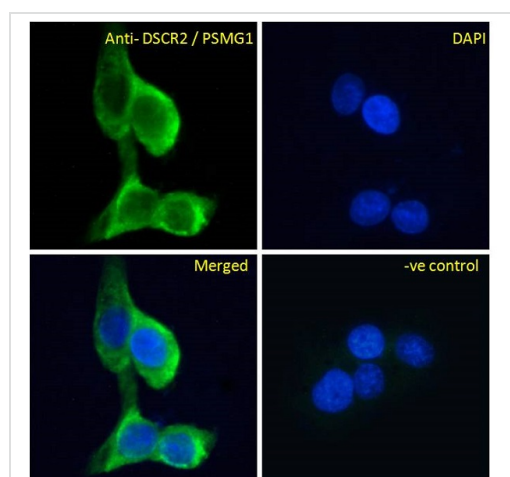
应用	Ab评论	说明
Flow Cyt		Use a concentration of 10 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.

靶标

相关性 PSMG1 is a chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG2. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization. There are two named isoforms.

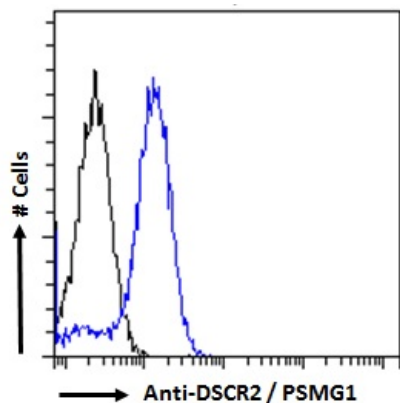
细胞定位 Cytoplasm. Endoplasmic reticulum.

图片



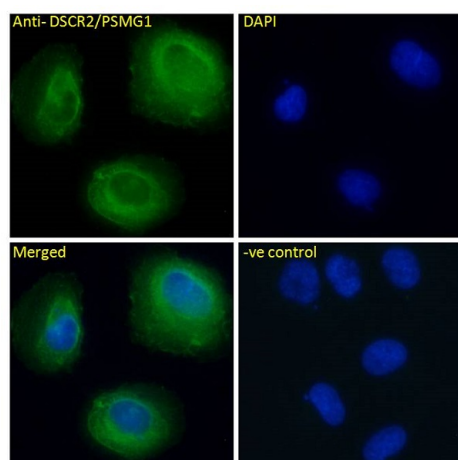
Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (4 µg/ml), showing cytoplasmic and Golgi apparatus staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (4 µg/ml).

Immunocytochemistry/ Immunofluorescence - Anti-PSMG1 antibody (ab92278)



Flow Cytometry - Anti-PSMG1 antibody (ab92278)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-PSMG1 antibody (ab92278)

Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (4 µg/ml), showing Golgi apparatus and some cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (4 µg/ml).

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