

### Anti-PU.1/Spi1 antibody [2G1] ab88082

**8 References**   **6 图像**

#### 概述

产品名称	Anti-PU.1/Spi1抗体[2G1]
描述	小鼠单克隆抗体[2G1] to PU.1/Spi1
宿主	Mouse
经测试应用	适用于: WB, ELISA, ICC/IF, Flow Cyt
种属反应性	与反应: Mouse, Human, Recombinant fragment
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa cells; Raw 264.7 cell lysate.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 15 May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 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	pH: 7.40 Constituent: 100% PBS
纯度	Tissue culture supernatant
纯化说明	Purified from TCS.
克隆	单克隆
克隆编号	2G1
同种型	IgG1

kappa

## The Abpromise guarantee Abpromise™承诺保证使用ab88082于以下的经测试应用

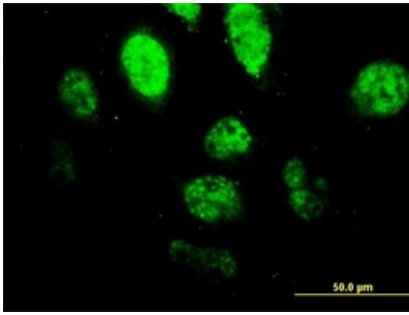
应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 31 kDa.
ELISA		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

功能	Binds to the PU-box, a purine-rich DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. This protein is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. Also binds RNA and may modulate pre-mRNA splicing.
序列相似性	Belongs to the ETS family. Contains 1 ETS DNA-binding domain.
细胞定位	Nucleus.

Western blot analysis of PU.1/Spi1 antibody [2G1] (ab88082). The blot shows a single band at approximately 47.5 kDa, indicated by a green arrow. Molecular weight markers are visible on the left at 175, 83, 62, 47.5, 32.5, and 25 kDa.

Note: Molecular weight of the proprietary tag alone is 26 kDa.

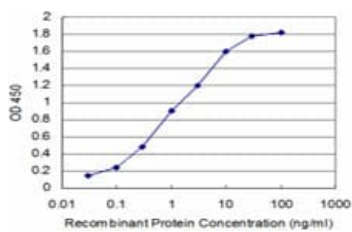
This image was generated using the ascites version of the product.



Immunocytochemistry/ Immunofluorescence - Anti-PU.1/Spi1 antibody [2G1] (ab88082)

ab88082, at 10  $\mu\text{g/ml}$ , staining PU.1/Spi1 in HeLa cells by Immunofluorescence.

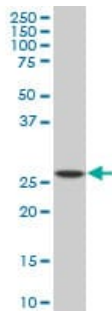
This image was generated using the ascites version of the product.



ELISA - Anti-PU.1/Spi1 antibody [2G1] (ab88082)

Detection limit for recombinant (human) tagged ab88082 is approximately 0.1 ng/ml as a capture antibody.

This image was generated using the ascites version of the product.



Western blot - Anti-PU.1/Spi1 antibody [2G1] (ab88082)

Anti-PU.1/Spi1 antibody [2G1] (ab88082) at 5  $\mu\text{g/ml}$  + Raw 264.7 cell lysate (Mouse) at 25  $\mu\text{g}$

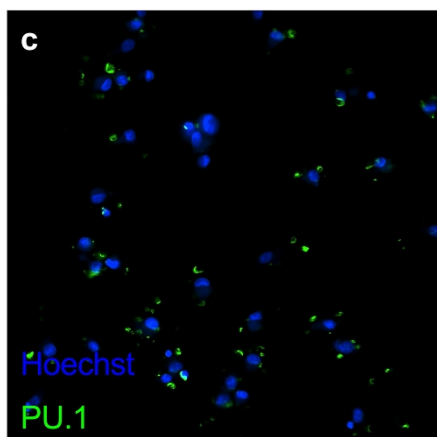
### Secondary

Goat anti-Mouse IgG (H&L)-HRP at 1/2500 dilution

**Predicted band size:** 31 kDa

**Observed band size:** 31 kDa

This image was generated using the ascites version of the product.

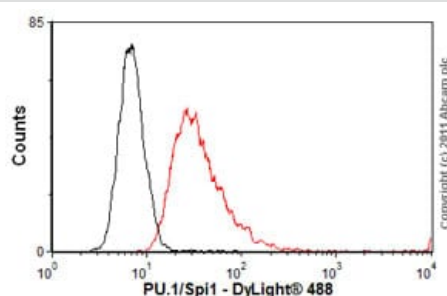


Immunocytochemistry/ Immunofluorescence - Anti-PU.1/Spi1 antibody [2G1] (ab88082)

Image courtesy of Sellgren et al. Mol Psychiatry. 2017 Feb; 22(2): 170–177. Fig S3: Doi: 10.1038/mp.2016.220

Ab88082 staining PU.1/Spi1 in human induced microglia by ICC/IF (Immunocytochemistry/Immunofluorescence). Cells were fixed with 4% paraformaldehyde for 15 minutes. Samples were incubated with primary antibody (1:200) for 2 hours at room temperature. Hoechst nuclear stain (blue) was used at 1:5000 dilution.

This image was generated using the ascites version of the product.



Flow Cytometry - Anti-PU.1/Spi1 antibody [2G1] (ab88082)

Overlay histogram showing K562 cells stained with ab88082 (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 (ab88082, 2µg/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](#), 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.

This image was generated using the ascites version of the product.

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

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