

Anti-GCSF Receptor antibody [8F8B12] ab233783

5 图像

概述

产品名称	Anti-GCSF Receptor抗体[8F8B12]
描述	小鼠单克隆抗体[8F8B12] to GCSF Receptor
宿主	Mouse
经测试应用	适用于: Flow Cyt, IHC-P, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human GCSF Receptor aa 1-200. (Expressed in E.coli). Database link: Q99062
阳性对照	<div style="text-align: right;">  Run BLAST with  Run BLAST with </div> WB: Recombinant human GCSF Receptor (AA: extra 25-187) protein; A431, K562, THP-1, MOLT-4, Jurkat and GCSF Receptor (AA: extra 25-187)-hlgGfC transfected HEK-293 whole cell lysate. IHC-P: Human bladder cancer tissue. Flow: Ramos cells.
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.05% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Purified from tissue culture supernatant.
克隆	单克隆
克隆编号	8F8B12
同种型	IgG1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab233783 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
Flow Cyt		1/200 - 1/400.
IHC-P		1/200 - 1/1000.
WB		1/500 - 1/2000.

靶标

功能

Receptor for granulocyte colony-stimulating factor (CSF3), essential for granulocytic maturation. Plays a crucial role in the proliferation, differentiation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface.

组织特异性

One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U-937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U-937 cells. Isoform GCSFR-3 is highly expressed in placenta.

疾病相关

Hereditary neutrophilia

序列相似性

Belongs to the type I cytokine receptor family. Type 2 subfamily.

Contains 5 fibronectin type-III domains.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

结构域

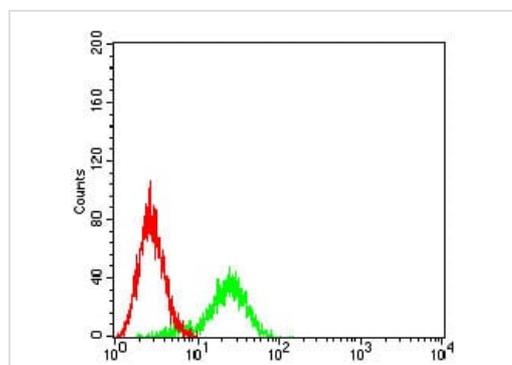
The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.

The box 1 motif is required for JAK interaction and/or activation.

细胞定位

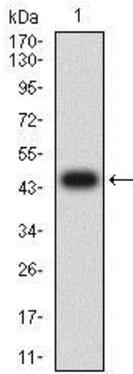
Secreted and Cell membrane.

图片



Flow Cytometry - Anti-GCSF Receptor antibody
[8F8B12] (ab233783)

Flow cytometric analysis of Ramos (human Burkitt's lymphoma cell line) cell line labeling GCSF Receptor with ab233783 at 1/200 dilution (green) compared with a negative control (red).

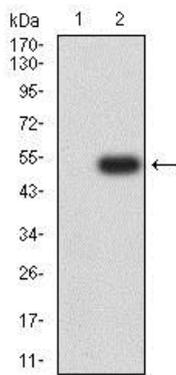


Western blot - Anti-GCSF Receptor antibody [8F8B12] (ab233783)

Anti-GCSF Receptor antibody [8F8B12] (ab233783) at 1/500 dilution + Recombinant human GCSF receptor (AA: extra 25-187) protein

Developed using the ECL technique.

Expected MW is 46.5 kDa.



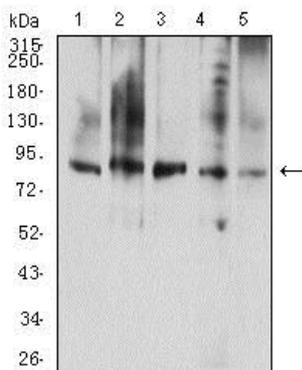
Western blot - Anti-GCSF Receptor antibody [8F8B12] (ab233783)

All lanes : Anti-GCSF Receptor antibody [8F8B12] (ab233783) at 1/500 dilution

Lane 1 : HEK-293 (human epithelial cell line from embryonic kidney) cell lysate

Lane 2 : GCSF Receptor (AA: extra 25-187)-hlgGfc transfected HEK-293 cell lysate

Developed using the ECL technique.



Western blot - Anti-GCSF Receptor antibody [8F8B12] (ab233783)

All lanes : Anti-GCSF Receptor antibody [8F8B12] (ab233783) at 1/500 dilution

Lane 1 : A431 (human epidermoid carcinoma cell line) whole cell lysate

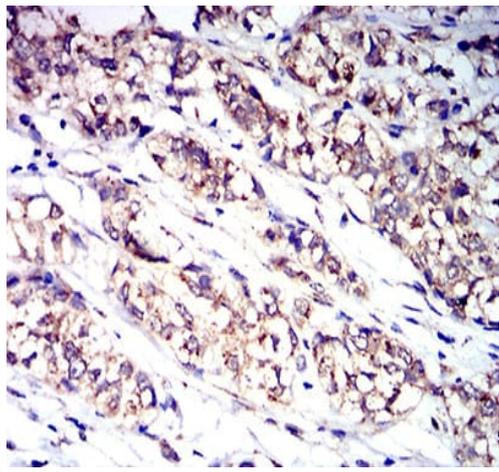
Lane 2 : K562 (human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

Lane 3 : THP-1 (human monocytic leukemia cell line) whole cell lysate

Lane 4 : MOLT-4 (human lymphoblastic leukemia cell line) whole cell lysate

Lane 5 : Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

Developed using the ECL technique.



Paraffin-embedded human bladder cancer tissue stained for GCSF Receptor using ab233783 at 1/200 dilution in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCSF Receptor antibody [8F8B12] (ab233783)

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