

Anti-CD14 antibody [4B4F12] ab182032

★★★★★ [1 Abreviews](#) [28 References](#) [6 图像](#)

概述

产品名称	Anti-CD14抗体[4B4F12]
描述	小鼠单克隆抗体[4B4F12] to CD14
宿主	Mouse
经测试应用	适用于: WB, IHC-P, Flow Cyt
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment corresponding to Human CD14 aa 1-250. Expressed in E. coli. Database link: P08571
阳性对照	Human CD14 recombinant protein (amino acids 20-214), lysate from HEK293 cells transfected with CD14 (amino acids 20-214)-hlgGFc, HepG2, A549, HL60, mouse RAW264.7, Hela, HEK293 and mouse NIH 3T3 cell lysates. Jurkat cells. Human stomach cancer tissue.
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>

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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: 99% PBS
纯度	Protein G purified
纯化说明	Purified from tissue culture supernatant.
克隆	单克隆
克隆编号	4B4F12

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab182032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
WB		1/500 - 1/2000. Predicted molecular weight: 40 kDa.
IHC-P	★★★★★ (1)	1/200 - 1/1000.
Flow Cyt		1/200 - 1/400. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能

Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.

组织特异性

Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.

序列相似性

Contains 11 LRR (leucine-rich) repeats.

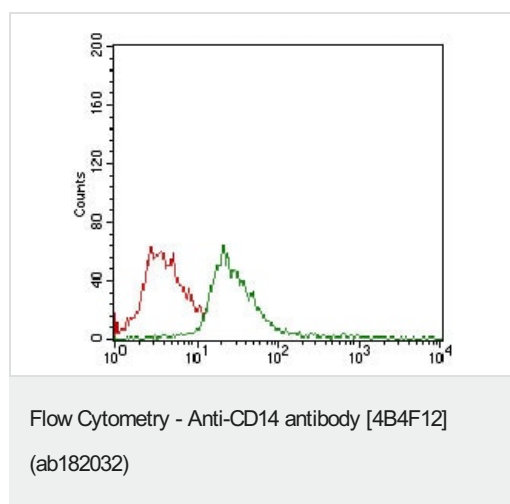
翻译后修饰

N- and O- glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.

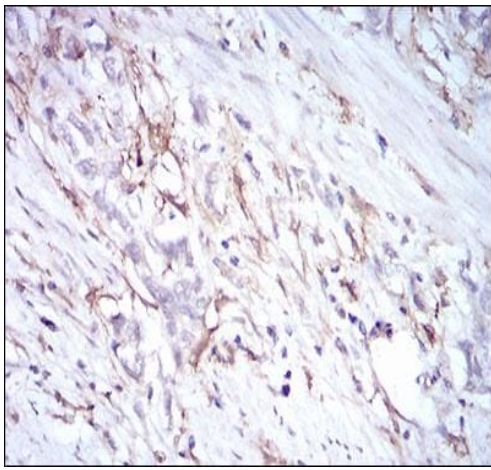
细胞定位

Cell membrane.

图片

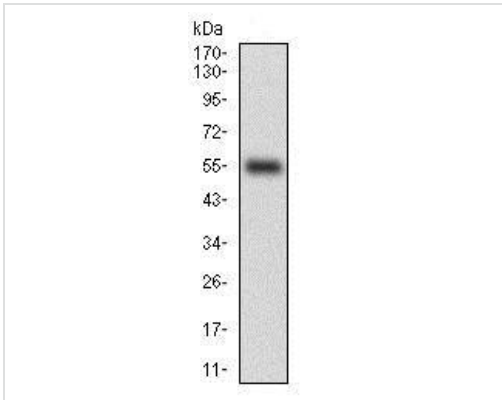


Flow cytometric analysis of Jurkat cells labeling CD14 using ab182032 at 1/200 (green) and a negative control (red).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [4B4F12] (ab182032)

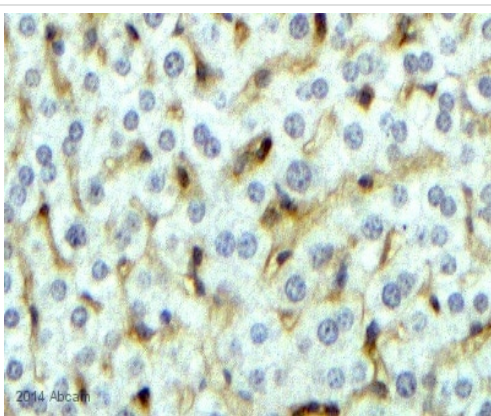
Immunohistochemical analysis of paraffin-embedded, DAB-stained Human stomach cancer tissues labeling CD14 using ab182032 at 1/200.



Western blot - Anti-CD14 antibody [4B4F12] (ab182032)

Anti-CD14 antibody [4B4F12] (ab182032) at 1/500 dilution + Human CD14 recombinant protein (amino acids 20-214)

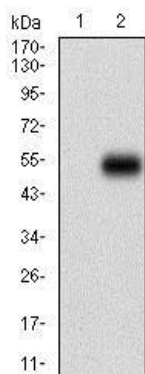
Predicted band size: 40 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD14 antibody [4B4F12] (ab182032)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse liver tissue section labeling CD14 with ab182032. The tissue was fixed with formaldehyde, heat mediated antigen retrieval was performed followed by blocking with 5% serum for 12 hours at 4°C. The tissue was incubated with undiluted Anti-CD14 antibody [4B4F12] (ab182032) for 12 hours at 4°C.

This image is courtesy of an anonymous abreview.



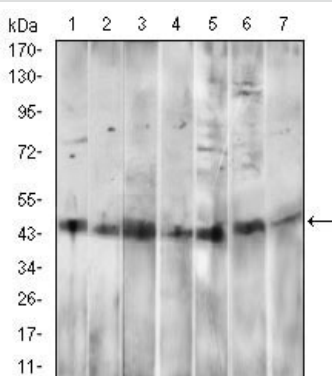
Western blot - Anti-CD14 antibody [4B4F12]
(ab182032)

All lanes : Anti-CD14 antibody [4B4F12] (ab182032) at 1/500 dilution

Lane 1 : Lysate from HEK293 cells

Lane 2 : Lysate from HEK293 cells transfected with CD14 (amino acids 20-214)-hlgGFc

Predicted band size: 40 kDa



Western blot - Anti-CD14 antibody [4B4F12]
(ab182032)

All lanes : Anti-CD14 antibody [4B4F12] (ab182032) at 1/500 dilution

Lane 1 : HepG2 cell lysate

Lane 2 : A549 cell lysate

Lane 3 : HL60 cell lysate

Lane 4 : mouse RAW264.7 cell lysate

Lane 5 : HeLa cell lysate

Lane 6 : HEK293 cell lysate

Lane 7 : mouse NIH 3T3 cell lysate

Predicted band size: 40 kDa

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