

Anti-ICAM1 antibody [MEM-111] ab2213

★★★★★ [12 Abreviews](#) [72 References](#) [3 图像](#)

概述

产品名称	Anti-ICAM1抗体[MEM-111]
描述	小鼠单克隆抗体[MEM-111] to ICAM1
宿主	Mouse
特异性	his antibody reacts with human CD54 antigen.
经测试应用	适用于: WB, Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human ICAM1. Burkitt's lymphoma cell line RAJI
阳性对照	For WB it is highly recommended to use TNF-alpha activated HUVEC cells as a positive control.
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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	MEM-111
骨髓瘤	unknown
同种型	IgG2a
轻链类型	unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab2213于以下的经测试应用

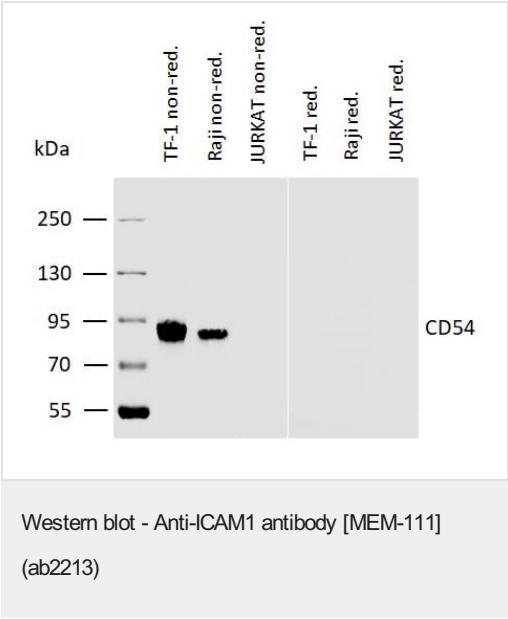
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	Use a concentration of 1 - 2 µg/ml. Use under non-reducing conditions.
Flow Cyt	★★★★☆ (3)	Use a concentration of 0.5 - 4 µg/ml.

靶标

功能	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.
序列相似性	Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
翻译后修饰	Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.
细胞定位	Membrane.

图片



All lanes : Anti-ICAM1 antibody [MEM-111] (ab2213) at 2 µg/ml

Lane 1 : TF-1 cell lysates under non-reducing condition

Lane 2 : Raji cell lysates under non-reducing condition

Lane 3 : Jurkat cell lysates under non-reducing condition

Lane 4 : TF-1 cell lysates under reducing condition

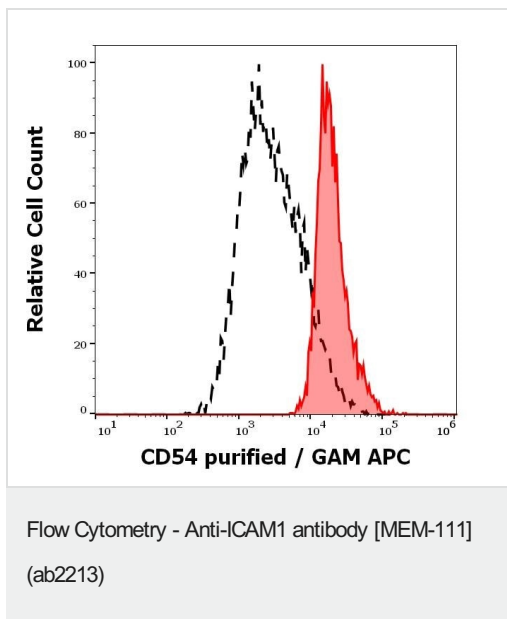
Lane 5 : Raji cell lysates under reducing condition

Lane 6 : Jurkat cell lysates under reducing condition

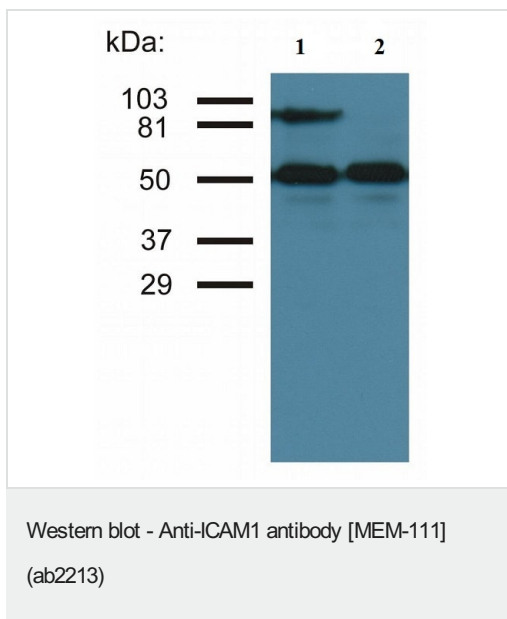
Secondary

All lanes : IRDye800-conjugated anti-mouse secondary antibody

Observed band size: 88 kDa



Flow cytometric analysis of Human Peripheral Blood cells labelling ICAM1 with ab2213 at 0.6 ug/ml showing separation of human monocytes (red-filled) from human lymphocytes (black-dashed).



All lanes : Anti-ICAM1 antibody [MEM-111] (ab2213)

Lane 1 : TNF-alpha activated HUVEC (Human umbilical vein endothelial cell line) whole cell lysate

Lane 2 : TNF-alpha nonactivated HUVEC cells

Performed under non-reducing conditions.

Observed band size: 90 kDa

Lower bands represent tubulin as a loading control.

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