

# Anti-CD45RA antibody [MEM-56] ab8217

**4 References**   **3 图像**

### 概述

产品名称	Anti-CD45RA抗体[MEM-56]
描述	小鼠单克隆抗体[MEM-56] to CD45RA
宿主	Mouse
经测试应用	适用于: WB, IHC-P, Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD45RA. Thymocytes and T lymphocytes Database link: <b><u>P08575-8</u></b>
阳性对照	WB: HUT-78 human cutaneous T cell lymphoma cell lysate.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 24th January 2018. 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. 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	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Protein A purified
纯化说明	Purified from TCS
克隆	单克隆

克隆编号	MEM-56
同种型	IgG2b

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab8217于以下的经测试应用

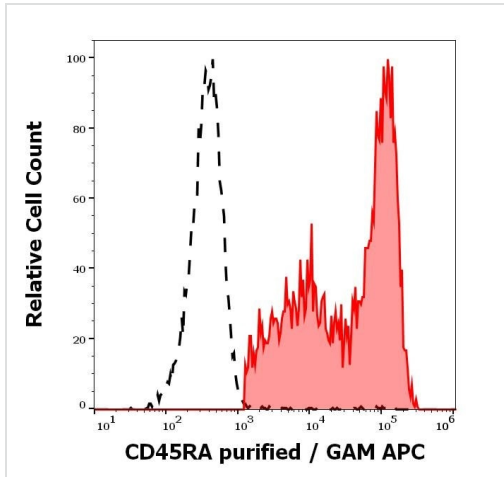
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Cross reacts with an intracellular 60 kDa protein of unknown identity like other anti-CD45RA MAbs.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use a concentration of 0.3 - 4 µg/ml.

靶标

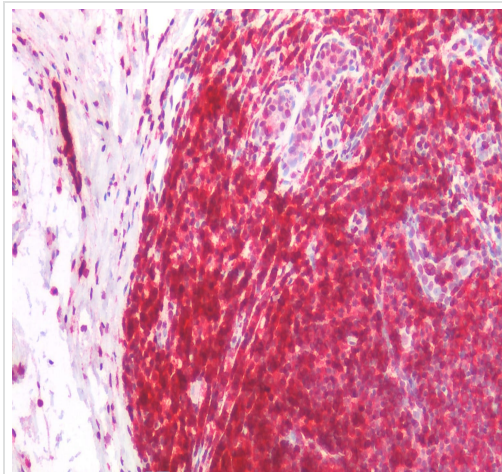
功能	Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN. Dephosphorylates LYN, and thereby modulates LYN activity.
疾病相关	Severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive Multiple sclerosis
序列相似性	Belongs to the protein-tyrosine phosphatase family. Receptor class 1/6 subfamily. Contains 2 fibronectin type-III domains. Contains 2 tyrosine-protein phosphatase domains.
结构域	The first PTPase domain interacts with SKAP1.
翻译后修饰	Heavily N- and O-glycosylated.
细胞定位	Membrane. Membrane raft. Colocalized with DPP4 in membrane rafts.

图片



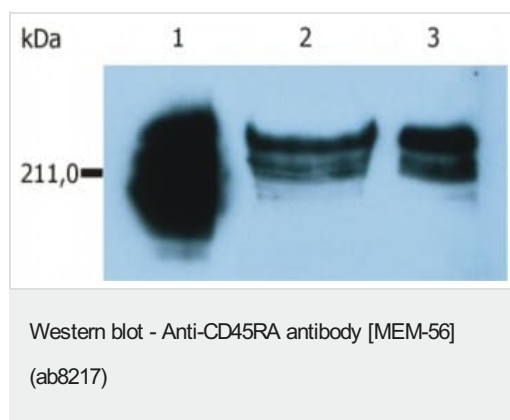
Flow Cytometry - Anti-CD45RA antibody [MEM-56]  
(ab8217)

Flow cytometric analysis of Human Peripheral Blood cells labelling CD45RA with ab8217 at 0.3 ug/ml showing separation of human CD45RA positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD45RA antibody [MEM-56] (ab8217)

Immunohistochemical analysis of Paraffin-embedded sections Human Tonsil tissue labelling CD45RA with ab8217 at 5µg/ml.



**Lane 1 :** CD45 control antibody

**Lanes 2-3 :** Anti-CD45RA antibody [MEM-56] (ab8217)

**Lane 1 :** HUT-78 human cutaneous T cell lymphoma cell line.

**Lane 2 :** sample of cell lysate prepared under non-reducing conditions

**Lane 3 :** sample of cell lysate prepared under reducing conditions

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

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