

Product datasheet

Anti-CD45RA antibody [SPM504] ab231426

重组

 1 Abreviews 1 References 2 图像**概述**

产品名称	Anti-CD45RA抗体[SPM504]
描述	小鼠单克隆抗体[SPM504] to CD45RA
宿主	Mouse
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD45RA. (Stimulated human leucocytes). Database link: P08575
阳性对照	IHC-P: Human tonsil tissue.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</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	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: 98% PBS, 1% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	SPM504
同种型	IgG2a

应用

The Abpromise guarantee**Abpromise™承诺保证使用ab231426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
IHC-P	★★★★★ (1)	1/200. No antigen retrieval necessary. Primary antibody incubation for 30 minutes at room temperature.

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

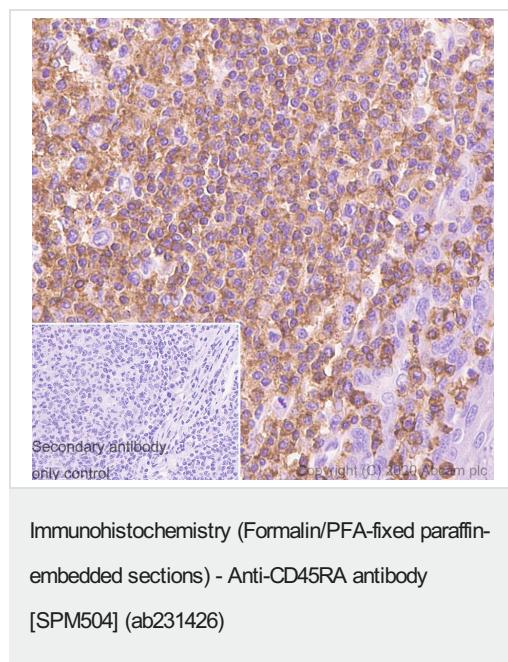
The first PTPase domain interacts with SKAP1.

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

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labelling CD45RA with ab231426 at 1/200 dilution, followed by secondary antibody Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)). Staining on human tonsil is observed. Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Mouse IgG H&L (HRP polymer) ([ab214879](#)).

The section was incubated with ab231426 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-CD45RA antibody [SPM504] (ab231426)

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

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