

Biotin Anti-SIRP alpha antibody [OX-41] ab33987

2 References

概述

产品名称	生物素Anti-SIRP alpha抗体[OX-41]
描述	生物素小鼠单克隆抗体[OX-41] to SIRP alpha
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: IHC-Fr
种属反应性	与反应: Rat
免疫原	Tissue, cells or virus corresponding to Rat SIRP alpha. Peritoneal macrophages (Rat) Database link: P97710
表位	This clone binds to a different epitope on CD172a than ED 9.
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituent: 1% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	OX-41
同种型	IgG2a

The Abpromise guarantee **Abpromise™承诺保证使用ab33987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-Fr		

应用说明

Flow Cyt: Use neat. Use 10ul to label 10⁶ cells in 100ul.

IHC-Fr: Use at an assay dependent dilution.

IHC-P: Use at an assay dependent dilution. This product requires protein digestion pre-treatment of paraffin sections, eg.trypsin or pronase.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标**功能**

Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function (By similarity). Involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells.

组织特异性

Ubiquitous. Highly expressed in brain. Detected on myeloid cells, but not T-cells. Detected at lower levels in heart, placenta, lung, testis, ovary, colon, liver, small intestine, prostate, spleen, kidney, skeletal muscle and pancreas.

序列相似性

Contains 2 Ig-like C1-type (immunoglobulin-like) domains.

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

翻译后修饰

N-glycosylated.

Phosphorylated on tyrosine residues in response to stimulation with EGF, growth hormone, insulin and PDGF. Dephosphorylated by PTPN11.

细胞定位

Membrane.

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

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