

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

2 References

製品の概要

製品名	Biotin Anti-SIRP alpha antibody [OX-41]
製品の詳細	Biotin Mouse monoclonal [OX-41] to SIRP alpha
由来種	Mouse
標識	Biotin
アプリケーション	適用あり: IHC-Fr
種交差性	交差種: Rat
免疫原	Tissue, cells or virus corresponding to Rat SIRP alpha. Peritoneal macrophages (Rat) Database link: P97710
エピトープ	This clone binds to a different epitope on CD172a than ED 9.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.09% Sodium azide Constituent: 1% BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	OX-41
アイソタイプ	IgG2a

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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		

追加情報

Flow Cyt: Use neat. Use 10ul to label 10^6 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.

ターゲット情報

機能

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.

組織特異性

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.

配列類似性

Contains 2 Ig-like C1-type (immunoglobulin-like) domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

翻訳後修飾

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

細胞内局在

Membrane.

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