

Anti-CD147 antibody [OX114] ab34016

10 References **画像数 2**

製品の概要

製品名	Anti-CD147 antibody [OX114]
製品の詳細	Rat monoclonal [OX114] to CD147
由来種	Rat
アプリケーション	適用あり: Flow Cyt, WB
種交差性	交差種: Mouse, Human
免疫原	Fusion protein corresponding to Mouse CD147. Fusion protein mCD147dO-2rCD4d3 +4. Database link: <u>P18572</u>
エピトープ	The antibody binds to a region between domains 1 and 2 (aa 37-219) of mouse CD147.
ポジティブ・コントロール	mouse splenocytes
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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項 (精製)	ab34016 was purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	OX114
アイソタイプ	IgG1

アプリケーション

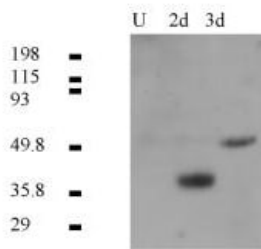
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab34016の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/25 - 1/50. Use 10µl of the suggested working dilution to label 1 x 10 ⁶ cells. Note that for staining of whole blood samples increased amounts of antibody may be required due to the presence of CD147 on erythrocytes.
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.

ターゲット情報

機能	Plays pivotal roles in spermatogenesis, embryo implantation, neural network formation and tumor progression. Stimulates adjacent fibroblasts to produce matrix metalloproteinases (MMPS). May target monocarboxylate transporters SLC16A1, SLC16A3 and SLC16A8 to plasma membranes of retinal pigment epithelium and neural retina. Seems to be a receptor for oligomannosidic glycans. In vitro, promotes outgrowth of astrocytic processes.
組織特異性	Present only in vascular endothelium in non-neoplastic regions of the brain, whereas it is present in tumor cells but not in proliferating blood vessels in malignant gliomas.
配列類似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	N-glycosylated.
細胞内局在	Cell membrane. Melanosome. Colocalizes with SLC16A1 and SLC16A8 (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



Western blot - Anti-CD147 antibody [OX114]
(ab34016)

WB using ab34016.

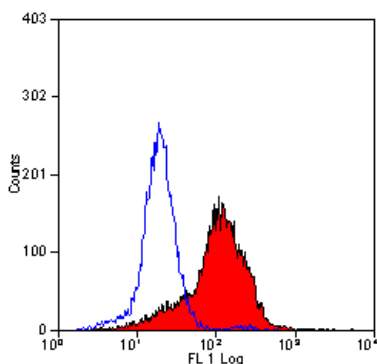
U: Untransfected HEK-293T cell lysate.

2d: HEK-293T cells transfected with mouse CD147 d1+2 construct.

3d: HEK-293T cells transfected with mouse CD147d0-2 construct.

Data from PMID : 14606962.

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Flow Cytometry - Anti-CD147 antibody [OX114]
(ab34016)

ab34016 staining CD147 in mouse peripheral blood lymphocytes by Flow Cytometric analysis.

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