

Anti-CD147 antibody [OX114] ab34016

[10 References](#) [2 图像](#)

概述

产品名称	Anti-CD147抗体[OX114]
描述	大鼠单克隆抗体[OX114] to CD147
宿主	Rat
经测试应用	适用于: Flow Cyt, WB
种属反应性	与反应: Mouse, Human
免疫原	Fusion protein corresponding to Mouse CD147. Fusion protein mCD147dO-2rCD4d3 +4. Database link: P18572
表位	The antibody binds to a region between domains 1 and 2 (aa 37-219) of mouse CD147.
阳性对照	mouse splenocytes
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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	ab34016 was purified from tissue culture supernatant.
克隆	单克隆
克隆编号	OX114
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab34016于以下的经测试应用

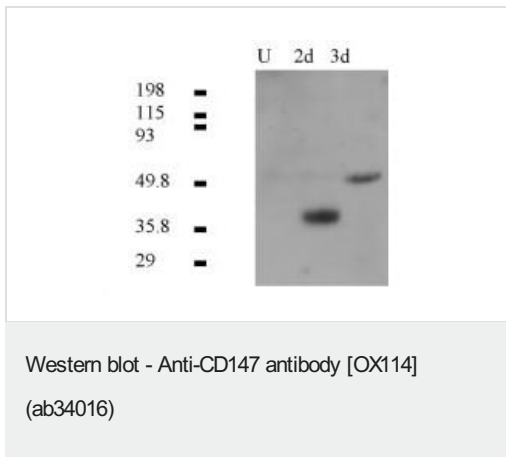
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	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.
组织特异性	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.
序列相似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻译后修饰	N-glycosylated.
细胞定位	Cell membrane. Melanosome. Colocalizes with SLC16A1 and SLC16A8 (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

图片



WB using ab34016.

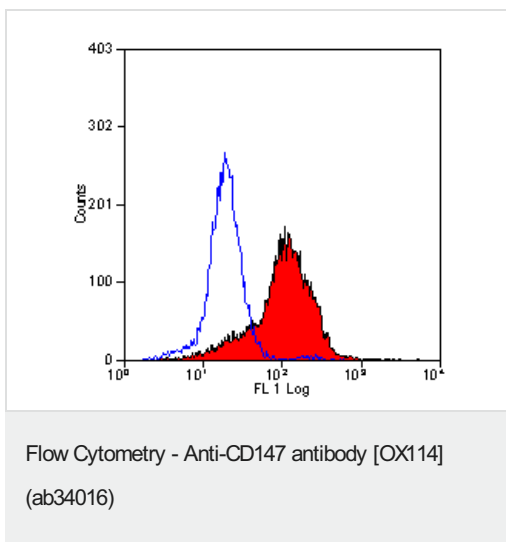
U: Untransfected HEK-293T cell lysate.

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

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