abcam

Product datasheet

# PE Anti-CD147 antibody [MEM-M6/1] ab77133

## 製品の概要

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| **製品名** | PE Anti-CD147 antibody [MEM-M6/1] |
| **製品の詳細** | PE Mouse monoclonal [MEM-M6/1] to CD147 |
| **由来種** | Mouse |
| **標識** | PE. Ex: 488nm, Em: 575nm |
| **特異性** | ab77133 is a high affinity antibody capable of binding to unstimulated peripheral blood T cells. |
| **アプリケーション** | **適用あり:** Flow Cyt |
| **種交差性** | **交差種:** Human |
| **免疫原** | Recombinant fragment: Protein A-CR purified soluble, recombinant form of CD147 (CD147Rg), which consists of the cDNA coding for the hinge region, CH2 and CH3 domains of human IgG1. (CD147Rg is secreted by transfectants as a dimer). |
| **エピトープ** | ab77133 recognizes an epitope in the N terminal Ig domain (D1) of CD147. |
| **ポジティブ・コントロール** | Human blood cells |
| **特記事項** | 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.<br><br>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 |

## 製品の特性

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| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at +4°C. |
| **バッファー** | pH: 7.4<br>Preservative: 0.097% Sodium azide<br>Constituents: 0.2% BSA, 0.2% PBS<br><br>0.2% BSA (high-grade protease free) |
| **精製度** | Size exclusion |
| **特記事項（精製）** | Purity >95% by SDS-PAGE. |

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| **ポリ/モノ** | モノクローナル |
| **クローン名** | MEM-M6/1 |
| **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ab77133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** | | Use at an assay dependent concentration.<br>Use Neat: 20 ul for 100 ul whole blood or 10^6 cells in suspension. **ab91357** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

## ターゲット情報

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| **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.<br>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. |

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

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