

Anti-CD103 antibody [2E7] ab25198

1 References

概述

产品名称	Anti-CD103抗体[2E7]
描述	亚美尼亚仓鼠单克隆抗体[2E7] to CD103
宿主	Armenian hamster
经测试应用	适用于: IHC-Fr, IP, Cellular Activation, Flow Cyt
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to CD103. C57BL/6J mouse intestinal intraepithelial lymphocytes (IEL)

常规说明

This antibody is reported to have signal inducing activity in a redirected lysis assay and to co stimulate IEL and CD8+ lymph node cells in conjunction with anti TCR in vitro, which runs counter to the usual inhibition of CTL by anti integrins. The property of costimulation is not unique to the mouse since the combination of anti human alpha IEL (intraepithelial lymphocytes) plus anti TCR will produce similar proliferation in human cells, with the exception that CD8+ cells are not stimulated.

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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 8.20 Constituents: 0.95% Sodium borate, 0.6% Boric Acid
纯度	Affinity purified
Primary antibody说明	This antibody is reported to have signal inducing activity in a redirected lysis assay and to co stimulate IEL and CD8+ lymph node cells in conjunction with anti TCR in vitro, which runs counter

to the usual inhibition of CTL by anti integrins. The property of costimulation is not unique to the mouse since the combination of anti human alpha IEL (intraepithelial lymphocytes) plus anti TCR will produce similar proliferation in human cells, with the exception that CD8+ cells are not stimulated.

克隆	单克隆
克隆编号	2E7
同种型	IgG
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab25198 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		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Cellular Activation		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab18479 - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.

靶标

功能	Integrin alpha-E/beta-7 is a receptor for E-cadherin. It mediates adhesion of intra-epithelial T-lymphocytes to epithelial cell monolayers.
组织特异性	Expressed on a subclass of T-lymphocytes known as intra-epithelial lymphocytes which are located between mucosal epithelial cells.
序列相似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
结构域	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
细胞定位	Membrane.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors