

Anti-MAdCAM1 antibody [314G8] ab34247

1 References

概述

产品名称	Anti-MAdCAM1抗体[314G8]
描述	小鼠单克隆抗体[314G8] to MAdCAM1
宿主	Mouse
经测试应用	适用于: ELISA, IHC-Fr, IHC-P, Functional Studies, Flow Cyt, WB
种属反应性	与反应: Human
免疫原	Fusion protein corresponding to Human MAdCAM1. Database link: Q13477

常规说明

Clone 314G8 reacts with the ligand binding first Ig domain and reports suggest that a splice variant exists in the gut which is not recognised by clone 314G8. Clone 314G8 is reported to block the interaction of MAdCAM1 with alpha 4 beta 7 (see reference 1).

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 and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	This antibody was purified from tissue culture supernatant.
Primary antibody说明	Clone 314G8 reacts with the ligand binding first Ig domain and reports suggest that a splice variant exists in the gut which is not recognised by clone 314G8. Clone 314G8 is reported to block the interaction of MAdCAM1 with alpha 4 beta 7 (see reference 1).

克隆	单克隆
克隆编号	314G8
骨髓瘤	P3x63-Ag8.653
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab34247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
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration.

靶标

功能	Cell adhesion leukocyte receptor expressed by mucosal venules, helps to direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria. It can bind both integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes. Isoform 2, lacking the mucin-like domain, may be specialized in supporting integrin alpha-4/beta-7-dependent adhesion strengthening, independent of L-selectin binding.
组织特异性	Highly expressed on high endothelial venules (HEV) and lamina propria venules found in the small intestine, and to a lesser extent in the colon and spleen. Very low levels of expression found in pancreas and brain. Not expressed in the thymus, prostate, ovaries, testis, heart, placenta, lung, liver, skeletal muscle, kidney or peripheral blood leukocytes.
序列相似性	Contains 2 Ig-like (immunoglobulin-like) domains.
翻译后修饰	The Ser/Thr-rich mucin-like domain may provide possible sites for O-glycosylation.
细胞定位	Membrane.

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

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