

## Product datasheet

# Anti-MAdCAM1 antibody [314G8] (Phycoerythrin) ab58430

### 1 References

#### 製品の概要

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製品名	Anti-MAdCAM1 antibody [314G8] (Phycoerythrin)
製品の詳細	Mouse monoclonal [314G8] to MAdCAM1 (Phycoerythrin)
由来種	Mouse
標識	Phycoerythrin. Ex: 488nm, Em: 575nm
特異性	ab58430 recognises human mucosal addressin cell adhesion molecule 1 (MAdCAM1). MAdCAM1 is expressed on high endothelial venules of Peyer's patches and mesenteric lymph nodes. MAdCAM1 expression has also been reported in the gut lamina propria but clone 314G8 does not recognise MAdCAM1 in these tissues. 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 (in press).
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Recombinant soluble MAdCAM1 fc fusion protein.

#### 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	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Protein G purified
特記事項(精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	314G8
アイソタイプ	IgG1

#### アプリケーション

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Our [Abpromise guarantee](#) covers the use of **ab58430** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		
<b>追加情報</b>	Flow Cyt: Use neat - 1/10. Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.  Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.	
<b>ターゲット情報</b>		
<b>機能</b>	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.	
<b>組織特異性</b>	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.	
<b>配列類似性</b>	Contains 2 Ig-like (immunoglobulin-like) domains.	
<b>翻訳後修飾</b>	The Ser/Thr-rich mucin-like domain may provide possible sites for O-glycosylation.	
<b>細胞内局在</b>	Membrane.	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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