

Anti-MADCAM1 Antibody (8Q587)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8Q587
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing PC3 cells surface stained with TMAH-00719 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10 ⁶ cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1*10 ⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, FCM
Recommended	FCM:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human MADCAM1
Antigen Species:	Human
Gene ID:	8174
Uniprot ID:	Q13477
Synonyms:	MADCAM1;MAdCAM-1;MACAM1
Biology Area:	Neuroscience, Cardiovascular, Immunology, Signal transduction

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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