

## Anti-SynCAM/CADM1 Antibody Picoband® FITC Conjugated

Catalog Number: PA2294-FITC

### About CADM1

Cell adhesion molecule 1 is a protein that, in humans, is encoded by the CADM1 gene. This gene is also known as IGSF4, SYNCAM or TSLC1, and it is mapped to 11q23.3. CADM1 functions as a homophilic cell adhesion molecule at the synapse. Expression of the isolated cytoplasmic tail of CADM1 in neurons inhibited synapse assembly. Conversely, expression of full-length CADM1 in nonneuronal cells induced synapse formation by cocultured hippocampal neurons with normal release properties. CADM1 has been shown to interact with EPB41L3.

### Overview

Product Name	Anti-SynCAM/CADM1 Antibody Picoband® FITC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q9BY67

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human SynCAM, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	FITC Excitation Wavelength: 495 nm Emission Wavelength: 525 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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