Rat anti-Mouse CD106 Monoclonal Antibody | anti-CD106 antibody

Anti-Ms CD106 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128344	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD106; Monoclonal Antibody; Anti-Ms CD106 PE; vascular cell adhesion molecule 1; Vcam-1; anti-CD106 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	429 (MVCAM.A)
Specificity	The rat monoclonal antibody 429 (also known as MVCAM.A) recognizes an extracellular epitope of murine CD106, a 100-110 kDa type I membrane protein of the immunoglobulin superfamily, a crucial mediator of leukocyte adhesion, and a costimulation molecule.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	739
Applicable Applications for anti-CD106 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Murine preadipose cell line PA6
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD106 antibody	CD106 / VCAM-1 (vascular cell adhesion molecule-1) is an Ig-like cell surface adhesion molecule binding VLA-4 integrin. VCAM-1 is a potent T cell costimulatory molecule taking part in their positive selection and survival, as well as in adhesion, transendothelial migration and activation of peripheral T cells. VCAM-1 is also involved in endothelial cell-cell contacts. Whereas VCAM-1 normally mediates leukocyte extravasion to sites of tissue inflammation, tumour cells can use overexpressed VCAM-1 to escape T cell immunity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	123788279
NCBI GeneID	22329
UniProt Accession #	Q3UPN1; P29533

NCBI Official Full Name	2 days pregnant adult female ovary cDNA, RIKEN full-length enriched library, clone:E330027O05 product:vascular cell adhesion molecule 1, full insert sequence
NCBI Official Synonym Full Names	vascular cell adhesion molecule 1
NCBI Official Symbol	Vcam1
NCBI Official Synonym Symbols	CD106; Vcam-1
NCBI Protein Information	vascular cell adhesion protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd106-antibody-clone-429-mvcam-a-flow-cytometry-elisa/128344