

CD106 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51910

Product Information

Application	WB
Primary Accession	P19320
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81 kDa

Additional Information

Other Names	Vascular cell adhesion protein 1, V-CAM 1, VCAM-1, INCAM-100, CD106, VCAM1, L1CAM
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Background

Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation.

References

- Osborn L., et al. Cell 59:1203-1211(1989).
Polte T., et al. Nucleic Acids Res. 18:5901-5901(1990).
Hession C., et al. J. Biol. Chem. 266:6682-6685(1991).
Cybulsky M.I., et al. Proc. Natl. Acad. Sci. U.S.A. 88:7859-7863(1991).
Ota T., et al. Nat. Genet. 36:40-45(2004).

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