

## Rat anti mouse VCAM 1 (CD106)

### ORDERING INFORMATION

**Catalog Number:** mAP-0045  
**Size:** 200 µg  
**Storage:** < -20° C  
**Immunogen:** Cytokine stimulated mouse endothelial cells  
**Ig Type:** Rat IgG1  
**Clone:** AP-MAB0804  
**Applications:** Western Blotting, IP and IHC (Paraffin)

**Description:** Vascular adhesion molecule (VCAM-1), single chain glycoprotein of Mr 100- kD, was first identified as an adhesion molecule induced on human endothelial cells by inflammatory cytokines such as IL-1, tumor necrosis factor (TNF) and LPS.

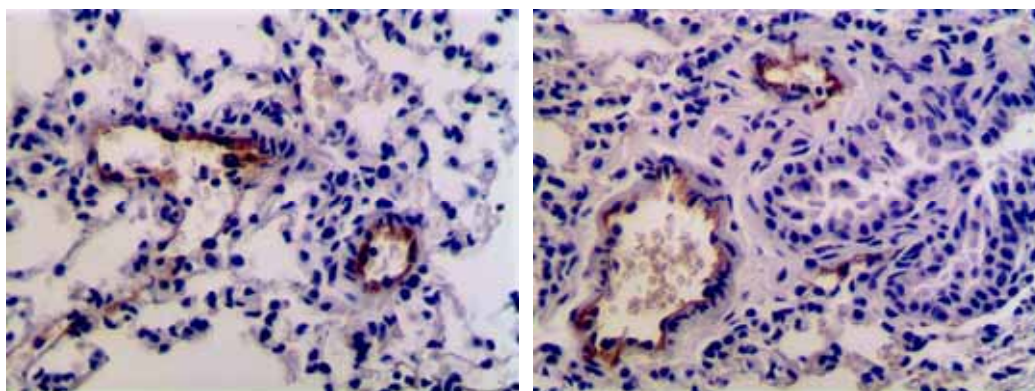
**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with cytokine stimulated mouse endothelial cells.

**Formulation and Storage:** The IgG1 fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 400 µl sterile PBS (final concentration 500µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Application(s)

1.	Western Blot	Yes	(1:100-1000)
2.	IP	Yes	
3.	Immunohistochemistry (Paraffin):	Yes	(1: 25-100)



4% PFA fixed and paraffin embedded mouse lung tissue section was subjected to IHC staining of mouse VCAM-1 (CD106) using mAP-0045.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, [angioproteomie@gmail.com](mailto:angioproteomie@gmail.com)