

Mouse anti-human VCAM-1

ORDERING INFORMATION

Catalog No:	hAP-0048
Size:	100 µg
Storage:	< -20° C
Immunogen:	LPS activated HUVECs
Ig Type:	mouse IgG1
Clone:	MM0048-6C12
Applications:	Western blot and IHC

Description: VCAM-1 is expressed on the surface of activated endothelial cells and macrophages. It binds to leukocyte integrins VLA-4 and alpha 4 beta 7 to promote leukocyte adhesion at sites of inflamed vasculature.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with LPS activated HUVECs).

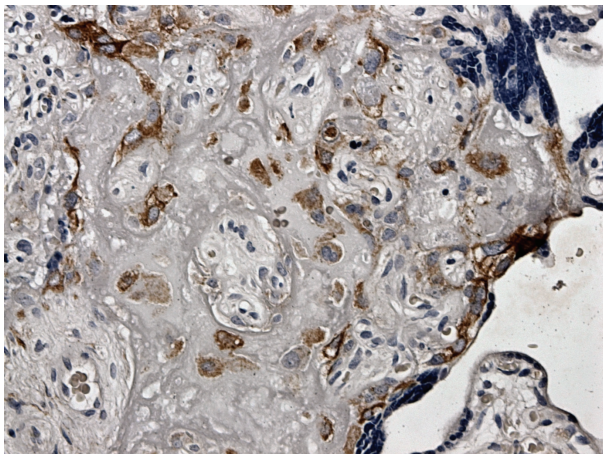
Formulation and Storage: The IgG fraction of ascites fluid was purified by Protein A and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity: This antibody recognizes human VCAM-1 in western blot. No cross-reactivity to PECAM-1, and ICAM-1 has not been noted.

Applications:

1. Western blotting:	Yes	(1:100-1000)
2. Immunohistochemistry: (Formalin/Paraffin)	Yes	(1:50-200)



Formalin fixed and paraffin embedded normal human placenta tissue is subjected to mouse anti human VCAM1 (hAP-0048)

Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.

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