

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: P42764M **Lot #:** 6I25815

Description: MAb to CD49d
Monoclonal Antibody to CD49d VLA

Specificity: The molecular weight of the recognized antigen is 150 kDa. CD49d antigen is the integrin alpha-4 chain non covalently associated with the integrin beta-1-chain (CD29 molecule) forming the VLA4 complex. Reacts with monocytes, T cells, B cells, thymocytes and Langerhans cells.

Clone: HP2.1

Host Animal: Mouse. Hybridization of X63 Ag 8.653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: M Leukemia Line

Format: Purified, Lyophilized
Reconstitute with 1 mL distilled water.

Concentration: 0.2 mg/mL (prior to lyophilization).

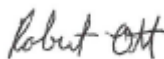
Buffer: Lyophilized from PBS containing 1 mg/mL BSA.

Preservative: None

Applications: Flow Cytometry
Basic studies of VLA4 mediated adhesion and its interaction with the VCAM-1 structure.
Fluorescent microscopy or flow cytometry: 2 µg/5x10⁵ cells/test
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store lyophilized product at 2–8°C. **DO NOT FREEZE!** The addition of 0.1% (w/v) sodium azide is recommended for storage up to one month at 2–8°C.

References: The references listed below are for research purposes only:
1. Workshop of the 4th International Conference on Human Leucocyte Differentiation Antigens. Vienna 1989. Workshop number; p. 091.
2. Sanchez-Madrid, F., et al., (1986), Eur. J. Immunol., **16**, 1343-1349.



Signature

16 Sep 2015
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY