



MOUSE ANTI-HUMAN INTEGRIN $\alpha 4$ MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB16983

LOT NUMBER:

QUANTITY: 100 μ g

CONCENTRATION: 1 mg/mL

SPECIFICITY: The involvement of integrins in vascular proliferation, adhesion, and wound repair and have been well-documented. The integrin family of cell adhesion receptors consists of at least 16 membrane-associated heterodimers, composed of an alpha and beta subunit that associate in a non-covalent manner. The structure and functional diversity of the integrin family are based upon the pairing abilities of the individual alpha and beta subunits

Monoclonal antibody MAB16983 was produced by immunization with human T lymphocytes. The antibody is reactive with integrin $\alpha 4$ from primate and human species.

ISOTYPE: IgG₁

CLONE: P1H4

APPLICATIONS: Immunohistochemistry (preferred fixatives are acetone and alcohols)
Immunocytochemistry
Immunoprecipitation
FACS Analysis
ELISA
Radioimmunoassay
Biological Activity: MAB16983 inhibits CS-1 and VCAM binding.

Optimal working dilutions must be determined by end user.

FORMAT: Purified immunoglobulin from Protein A Sepharose chromatography.

PRESENTATION: Liquid in 0.02M PB, pH 7.6, 0.25M NaCl containing 0.01% sodium azide.

STORAGE/HANDLING: Maintain at +2-8C.

Important Note: *During shipment, small volumes of antibody will occasionally become entrapped in the seal of the product vial. For antibodies with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial on a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.