



MOUSE ANTI-INTEGRIN α V β 6 MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB2074Z

LOT NUMBER:

QUANTITY: 100 μ g

SPECIFICITY: Monoclonal antibody MAB2074Z, raised by immunizing Balb/c mice with recombinant secreted human α v β 6, is useful for flow cytometry and is especially useful for immunocytochemistry. The antibody works well for immunohistochemistry of human tissue, especially under circumstances where upregulation of the receptor is being evaluated. The antibody does not stain formalin-fixed or paraffin-embedded tissues, and may not detect the low-level basal expression of α v β 6 in epithelia of healthy adults.

This antibody does not recognize the α V subunit and does not react with α V integrins other than α v β 6. Because the antibody is not effective in western blot, it is unknown whether the epitope recognized by the antibody localizes to the α v β 6 heterodimer or to the β 6 subunit only.

IMMUNOGEN: Recombinant secreted human α v β 6.

ISOTYPE: IgG₁

CLONE NAME: E7P6

APPLICATIONS: Immunohistochemistry (acetone fixation): Effective for human tissue, especially in circumstances where up-regulation of the receptor is being evaluated. The antibody does not stain formalin-fixed or paraffin-embedded tissues, and may not detect the low-level basal expression of α v β 6 in epithelia of healthy adults.
Immunocytochemistry: Effective for F6, HT-29, H441 cell lines (others not tested).
Flow cytometry: Effective for detection of human and monkey α V β 6
Not effective for immunoprecipitation or western blot.
Optimal working dilutions must be determined by end user.

SPECIES REACTIVITIES: Human and monkey

FORMAT: Purified immunoglobulin

PRESENTATION: Sterile-filtered liquid at 1 mg/mL in PBS, containing no preservatives.

STORAGE/HANDLING: Maintain at 2-8°C in undiluted aliquots for up to 12 months.

REFERENCES: *J. Biol. Chem.* (1994) **269**: 6940.
Am J. Resp. Cell Mol. Biol. (1995) **12**: 547.
Cell Adhes. Comm. (1994) **2**: 101.



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

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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