

**MOUSE ANTI-HUMAN VITRONECTIN RECEPTOR (α V β 3)
MONOCLONAL ANTIBODY
IMMOBILIZED ON IMMUNOAFFINITY GEL MATRIX**

CATALOG NUMBER: GEM1976

LOT NUMBER:

QUANTITY: 50 μ l

SPECIFICITY: Reacts with vitronectin receptor α V β 3 complex.

ISOTYPE: IgG₁

CLONE: LM609

APPLICATIONS: Immunoprecipitation and Immunoaffinity Purification.

For immunoaffinity purification, equilibrate the column with PBS, 0.1% Nonidet P-40, 2mM CaCl₂. Wash with 50 column volumes of this Buffer.
Elute with .01M NaHOAc, pH 3.0, 0.1% Nonidet P-40, 2mM CaCl₂.

For complete details of application in immunoaffinity chromatography, please refer to reference 2 below.

FORMAT: Purified immunoglobulin from Protein A Sepharose chromatography. Immobilized on Affi-Gel 10. Antibody Density 3 mg/mL of gel as judged by optical density at 280 nm using an OD₂₈₀ of 1.39 for 1 mg/mL immunoglobulin in a 1 cm pathlength cell. Sodium azide present at 0.1% as preservative.

STORAGE/HANDLING: Maintain refrigerated for up to 6 months. Store in PBS with 0.1% Sodium Azide.

- REFERENCES:**
1. *J. Biol. Chemistry* **262**:17703-17711 (1987).
 2. *J. Biol Chemistry* **263**:18726-18731 (1988).
 3. *PNAS.USA* **84**:6471-6475 (1987).
 4. *J. Cell Biol.* **121**:1141-1152 (1993).
 5. *Science* **264**:569-571 (1994).
 6. *J. of Bio. Chem.* **272(35)**: 22080-22085 (1997).

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.*

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