

Anti-ITGAV(Integrin alpha-V) Polyclonal Antibody

Cat. #: 60B693

Description:

The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and von Willebrand factor. They recognize the sequence R-G-D in a wide array of ligands. Integrin alpha-V contains the heterodimer of an alpha and a beta subunit. The alpha subunit is composed of an heavy and a light chain linked by a disulfide bond. Alpha-V associates with either beta-1, beta-3, beta-5, beta-6 or beta-8 subunit.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human ITGAV (Integrin alpha-V precursor)

References

Suzuki,S., et al, Proc. Natl. Acad. Sci. U.S.A. 83 (22), 8614-8618 (1986)
Cheresh,D.A., et al, Cell 57 (1), 59-69 (1989)
Zhang,H., et al, Nat. Biotechnol. 21 (6), 660-666 (2003)
Krokhin,O.V., et al, Biochemistry 42 (44), 12950-12959 (2003)
Xiong,J.P., et al, Science 294 (5541), 339-345 (2001)

Clone Number:

Isotype:

Species: human, mouse, chicken

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)