

ITGAV

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 115kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human ITGAV

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

CD51; MSK8; VNRA; VTNR;

Catalog #: A2091

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3685

Isotype: IgG

Swiss Prot: P06756

Purity: Affinity purification

For research use only.

Background:

Integrins are / heterodimeric cell surface receptors that play a pivotal role in cell adhesion and migration, as well as in growth and survival (1,2). The integrin family contains at least 18 and 8 subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities (3). Integrins not only transmit signals to cells in response to the extracellular environment (outside-in signaling), but also sense intracellular cues to alter their interaction with extracellular environment (inside-out signaling) (1,2). Several V subfamily members, including V3, V5, V1, are highly expressed in active endothelial cells and cancer cells (3-6) where they play a critical role in angiogenesis and tumor metastasis (7-9). Therefore, interest has focused on V integrin as a key therapeutic target in the treatment of cancer (10-12).

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