

## 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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