

Product datasheet for TA392852M

CD51 (ITGAV) Rabbit Polyclonal Antibody

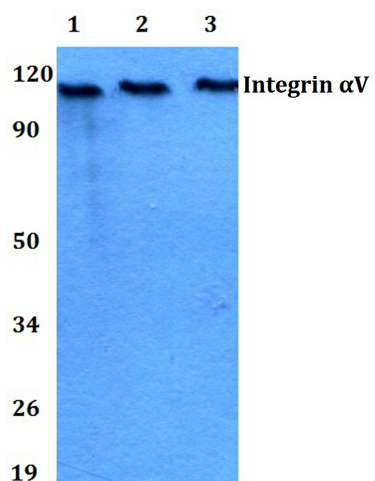
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 771-820 of Human Integrin α V.
Specificity:	Integrin α V (P804) polyclonal antibody detects endogenous levels of Integrin α V protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 116 kDa
Gene Name:	integrin subunit alpha V
Database Link:	Entrez Gene 3685 Human P06756
Background:	The integrin family contains at least 18 α and 8 β subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities. 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). Several α V subfamily members, including α V β 3, α V β 5, α V β 1, are highly expressed in active endothelial cells and cancer cells where they play a critical role in angiogenesis and tumor metastasis.
Synonyms:	CD51; Integrin alpha-V; Integrin alpha-V heavy chain; Integrin alpha-V light chain; ITGAV; MSK8; Vitronectin receptor subunit alpha; VNRA

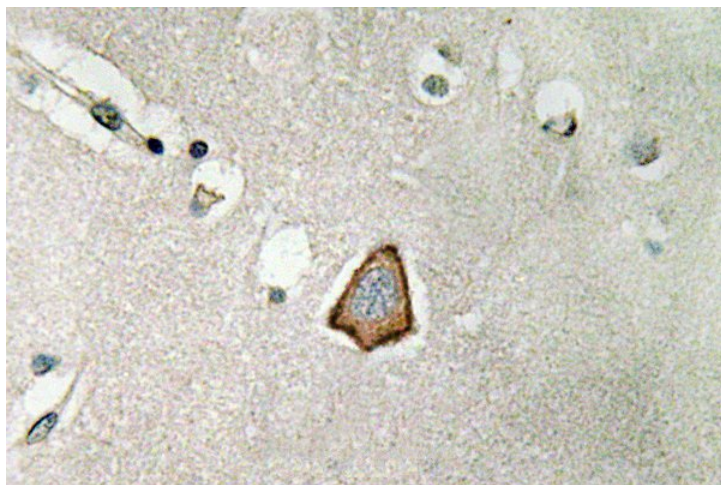

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Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of Integrin αV (P804) pAb at 1:1000 dilution. Lane 1: HEK293T whole cell lysate (40ug), Lane 2: C6 whole cell lysate (20ug), Lane 3: CT26 whole cell lysate (40ug).



Immunohistochemistry (IHC) analysis of Integrin αV (P804) pAb in paraffin-embedded human brain tissue.