

Integrin alpha V Ab

[References\(1\)](#) [Images\(1\)](#)

Cat.#: DF6815	Concn.: ~1mg/ml	Mol.Wt.: 115kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human Integrin alpha V, corresponding to a region within the internal amino acids.	
Uniprot:	P06756	
Description:	<p>Integrins are $\alpha\beta$ 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 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) (1,2).Several αV subfamily members, including αVβ3, αVβ5, αVβ1, 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).</p>	

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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