

Product Datasheet

Integrin Alpha V + Beta 5 Rabbit Polyclonal Antibody (orb10928)

Description	Integrin Alpha V + Beta 5 Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P
Immunogen	KLH conjugated synthetic peptide derived from human Integrin beta 5 and Integrin alpha V
Target	ITGAV
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
MW	88/121 kDa
Uniprot ID	P06756
Dilution Range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test

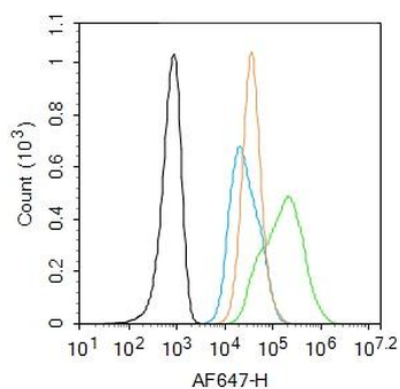
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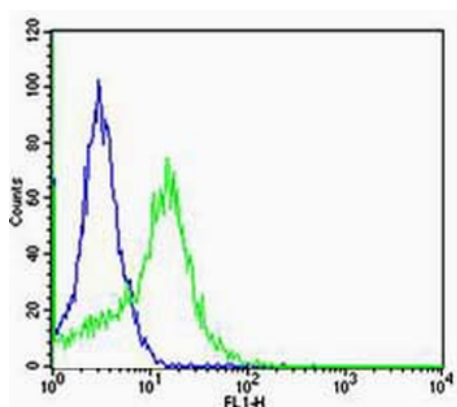
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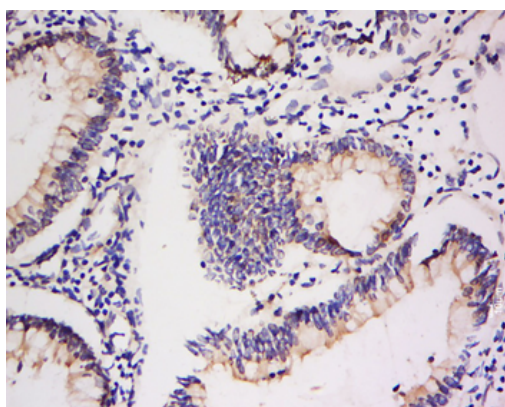
Expiration Date 12 months from date of receipt.



Blank control: U2OS. Primary Antibody (green line): Rabbit Anti-Integrin Alpha V + Beta 5 antibody (orb10928), Dilution: 1 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647, Dilution: 1 $\mu\text{g}/\text{Test}$. Protocol, The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Cell: A549, Concentration: 1:100, Host/Isotype: Rabbit/IgG, Flow cytometric analysis of Rabbit IgG isotype control (Cat#: orb10928) on A549 (green) compared with control in the absence of primary antibody (blue) followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (H+L) secondary antibody.



Tissue/Cell: Human colon cancer, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Integrin Alpha V + Beta 5 Polyclonal Antibody, Unconjugated (orb10928) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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