

ITGAV: ITGB3

Mouse Anti-Human Integrin alpha-V/beta-3 (Clone BV3) mAb

Catalog No.	MON2032	Quantity:	1 ml
Alternate Names:	Integrin alpha-V / Integrin beta-3		
Description:	<p>MON 2032 reacts with human alpha-V/beta-3 integrin present on human endothelium cells. In cell matrix adhesions, clustered integrins (each made up of a noncovalently linked alpha and beta subunit) bind to endothelium cell matrix (ECM) components via their globular head domains. They connect to the actin cytoskeleton via adaptor proteins that bind their short cytoplasmic tails. Cell matrix adhesions also act as signalling units by their capacity to organize the actin cytoskeleton and to accumulate various signaling intermediates. Integrin mediated adhesion regulates the actions of RhoGTPases, which in turn affect cell-cell adhesion. The converse process can also take place: the activity of Rho-GTPases can be modulated by cadherins in adherens junctions. Besides mediating adhesion to ECM components, integrins participate in the assembly of an ECM. Alpha-V/beta-3 integrin is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase -2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectinand von Willebrand factor.</p>		
Concentration:	100 µg/ml		
Gene ID:	P06756, P05106		
Host:	Mouse		
Isotype:	IgG1		
Clone:	BV3		
Formulation:	<p>Purified antibody solution in PBS containing 0.1% BSA and 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</p>		
Applications:	<p>IP, FC, ELISA, IF, IHC-P Starting dilution 1:50</p>		
Storage & Stability:	<p>Centrifuge vial prior to opening. The undiluted antibody should be stored at 2-8°C until expiration date. For prolonged storage, aliquot antibody and store at -20°C. Avoid repeated freeze-thaw cycles.</p>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

