

bsm-52265R**[Primary Antibody]**

Integrin alpha 6 Recombinant Rabbit mAb

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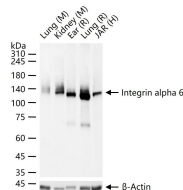
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400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat Predicted MW.: 127 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 4F7	
GeneID: 3655	SWISS: P23229	
Target: Integrin alpha 6		
Immunogen: A synthesized peptide derived from human Integrin alpha 6: 1-56/1130.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.		
Background: The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 6 subunit. This subunit may associate with a beta 1 or beta 4 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. The alpha 6 beta 4 integrin may promote tumorigenesis, while the alpha 6 beta 1 integrin may negatively regulate erbB2/HER2 signaling. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]		

— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with Integrin alpha 6 monoclonal antibody, unconjugated (bsm-52265R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.