

bsm-61445R

[Primary Antibody]

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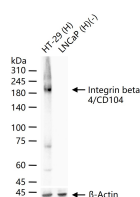
400-901-9800

Integrin beta 4/CD104 Recombinant Rabbit mAb

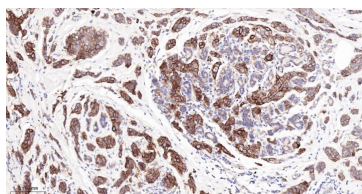
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:50-200) IF (1:50-200) Reactivity: Human, Mouse Predicted MW.: 202 Subcellular Location: Cell membrane
Clonality: Recombinant		
GeneID: 3691	SWISS: P16144	
Target: Integrin beta 4/CD104		
Immunogen: A synthesized peptide derived from human Integrin beta 4: 1600-1822.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Integrin alpha-6/beta-4 is a receptor for laminin. Plays a critical structural role in the hemidesmosome of epithelial cells. Is required for the regulation of keratinocyte polarity and motility. ITGA6:ITGB4 binds to NRG1 (via EGF domain) and this binding is essential for NRG1-ERBB signaling.		

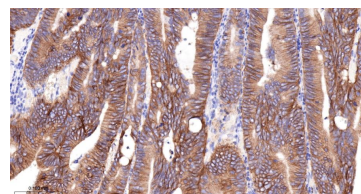
— VALIDATION IMAGES —



25 ug total protein per lane of various lysates (see on figure) probed with Integrin beta 4/CD104 monoclonal antibody, unconjugated (bsm-61445R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Integrin beta 4/CD104 Monoclonal Antibody, Unconjugated (bsm-61445R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Integrin beta 4/CD104 Monoclonal Antibody, Unconjugated (bsm-61445R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.