bsm-62846R

[Primary Antibody]

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Integrin Alpha V Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG
Clonality: Recombinant CloneNo.: 12B7
GeneID: 3685 SWISS: P06756

Target: Integrin Alpha V

Immunogen: A synthesized peptide derived from human Integrin alpha V:

31-250/1048.

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: The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin,

fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. ITGAV:ITGB3 binds to fractalkine (CX3CL1) and may act as its coreceptor in CX3CR1-dependent fractalkine signaling.

Applications: WB (1:1000-5000)

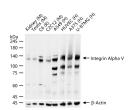
IHC-P (1:200-800) IHC-F (1:200-800) IF (1:200-800) IP (1:20-100)

Reactivity: Human, Mouse, Rat

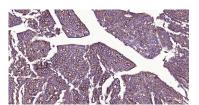
Predicted MW.: 116

Subcellular Location: Cell membrane

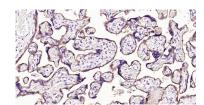
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Integrin Alpha V monoclonal antibody, unconjugated (bsm-62846R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Invasive urothelial carcinoma of the bladder; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Integrin Alpha V Monoclonal Antibody, Unconjugated(bsm-62846R) 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 Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Integrin Alpha V Monoclonal Antibody, Unconjugated(bsm-62846R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.