

Anti-Integrin alpha V Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

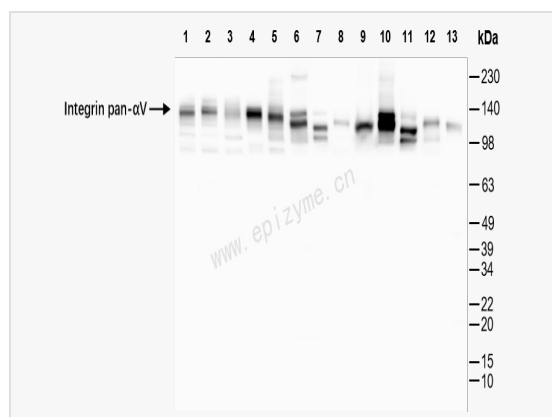
Catalog # R015929

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	55S62A15
Isotype	IgG
Label	Unconjugated
Immunogen	Human recombinant transmembrane-truncated (DTM) extracellular domains of integrins $\alpha V\beta 3$ 、 $\alpha V\beta 5$ 、 $\alpha V\beta 6$ and $\alpha V\beta 8$
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Integrin alpha V Rabbit mAb [55S62A15] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CD51; MSK8; VNRA; VTNR; ITGAV; Integrin alpha-V; Vitronectin receptor; Vitronectin receptor subunit alpha.
Calculated MW	Calculated MW: 116 kDa; Observed MW: 140 kDa
Uniprot ID	P06756
Gene ID	3685
Background	The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin may regulate angiogenesis and cancer progression. Alternative splicing results in multiple transcript variants. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015]
Cellular Location	Cell membrane.Single-pass type I membrane protein.Cell junction.Focal adhesion.



Western Blot - Anti-Integrin alpha V Rabbit mAb [55S62A15]

All lanes: R015929 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 6: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 7: Mouse brain whole tissue lysates

Lane 8: Mouse testicular whole tissue lysates

Lane 9: Mouse eyeball whole tissue lysates

Lane 10: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 11: Rat brain whole tissue lysates

Lane 12: Rat testicular whole tissue lysates

Lane 13: Rat eyeball whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 116 kDa

Observed band size: 140 kDa

Developed using the ECL technique (Cat. No. SQ201).