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Anti-Integrin β-1 Rabbit mAb [68E28]

Catalog No.: A52192

Basic Information

Catalog No. (Cat.No.)	A52192
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Integrin β-1,CD29,VLA-beta,Integrin beta-1

Product Information

Target	Integrin β-1
Molecular Weight(Calculated)	88 kDa
Molecular Weight(Observed)	115-125 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	68E28
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Integrin subunit beta-1
Gene Name	*ITGB1*
Domain	NA
Background	Integrin β1 is a β-subunit family transmembrane adhesion molecule on plasma membrane. It heterodimerizes with distinct α-subunits to assemble diverse integrin receptors. It mediates cell-extracellular-matrix adhesion via binding ligands such as fibronectin and laminin, and conducts bidirectional inside-out and outside-in signaling to control cell adhesion, migration, proliferation and survival. Integrin β1 contributes to embryogenesis and tissue repair; its up-regulation supports tumor invasion and metastasis.