



Anti-Integrin Beta 1 monoclonal antibody, clone CSAT (DMAB9560)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal antibody to chicken integrin beta 1.
Immunogen	Integrin beta 1 from chicken.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Chicken
Clone	CSAT
Conjugate	Unconjugated
Applications	WB
Molecular Weight	~ 120 and 160 kDa
Preservative	None
Storage	-20 °C, Avoid freeze / thaw cycles

BACKGROUND

Introduction	Integrin beta-1 (ITGB1, CD29, VLA-beta) is the beta subunit found in the integrin families, forming a heterodimer integrin receptor through non-covalent bonding with various integrin alpha subunits. Integrin heterodimer containing Integrin beta-1 binds to various cell surface and extracellular proteins (CD49a-f, CD51) to mediate cell to cell and cell to matrix adhesion. Integrin beta-1 plays a critical role in the cell adhesion and recognition in embryogenesis,
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hemostasis, immune response, tissue repair, metastatic diffusion of tumor cells and development.

Keywords

beta 1 subunit; CD 29; CD29; CD29 antigen; Fibrinogen Receptor beta subunit; Fibronectin receptor subunit beta; FNRB; GPIIA; integrin beta 1 (fibronectin receptor beta polypeptide antigen CD29 includes MDF2 MSK12); Integrin beta-1; Integrin VLA 4 subunit

GENE INFORMATION

Entrez Gene ID

[3688](#)

UniProt ID

[P05556](#)
