

β3-Integrin

Cat.No. 240 303; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 IP: not tested yet ICC: not tested yet IHC: not tested yet IHC-P/FFPE: not tested yet
Immunogen	Synthetic peptide corresponding to AA 76 to 91 from mouse β3-Integrin (UniProt Id: O54890)
Reactivity	Reacts with: rat (Q8R2H2), mouse (O54890). Other species not tested yet.
Specificity	Specific for β3-integrin.
matching control	240-3P

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Integrins are heterodimers consisting of noncovalently associated α and β subunits. More than 20 different integrin receptors composed of 16 different α and 8 different β subunits have been described so far. Most of these receptors bind components of the extracellular matrix like fibronectin, collagen and vitronectin.

Integrins are transmembrane glycoproteins involved in many normal cellular processes (embryogenesis, hemostasis, tissue repair, immune response) but also in abnormal pathological events like metastatic spread of tumor cells. In humans five isoforms of **β1-integrin** have been described (β1A-1D, 1C-2). β1-integrin is also known as **very late antigen VLA** or CD29.

β3-integrin, also referred to a CD 61, is found with the alpha IIb chain in platelets.

Selected General References

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