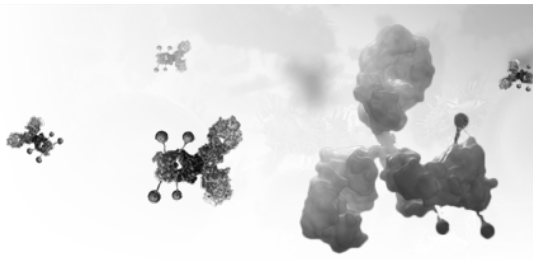

Rabbit Anti-ITGB1 monoclonal antibody, clone TS41-14 (CABT-BL8476)

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

PRODUCT INFORMATION

Target	Integrin beta-1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TS41-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC, FC
Molecular Weight	150 kDa
Cellular Localization	Cell membrane, Cell projection, Cleavage furrow
Positive Control	Human liver tissue, human liver cancer tissue, human colon cancer tissue, mouse colon tissue, mouse stomach tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, collagen and vitronectin. Certain integrins can also bind to soluble ligands, such as fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.
Keywords	beta1 integrin;CD29;Fibronectin receptor subunit beta;FNRB;Glycoprotein IIa;GP IIa;GPIIA;Integrin beta-1;integrin VLA-4 beta subunit;Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12);ITB1_HUMAN;ITGB1;MDF2;MSK12;OTTHUMP00000019420;Very late activation protein, beta polypeptide;VLA BETA;VLA-4 subunit beta;VLA-BETA;VLAB;VLAbeta antibody

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