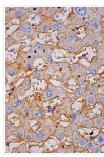
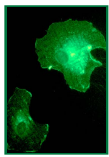
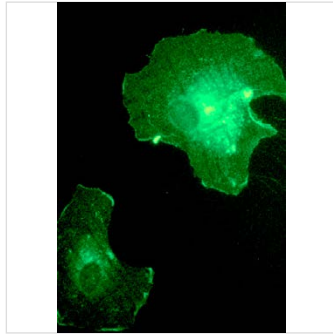


Integrin β 1/ITGB1 Mouse Monoclonal Antibody (4B7R)



Key features and details

Reactivity: Human, Mouse, Rat

Application: IF, IHC(P), FCM, ELISA

Host: Mouse

Clonality: Monoclonal

Isotype: IgG1 κ

Target Name: Integrin β 1/ITGB1

Brand: **AREX**
BIOSCIENCES

CAT.NO. : ARA1147

US\$: 350.00

Size:

200 μ g

Trail, Bulk size or
Custom requests
Please contact us

*产品价格可能会有所调整，请以品牌方官网实时更新的价格为准，以确保准确性。

Product Details

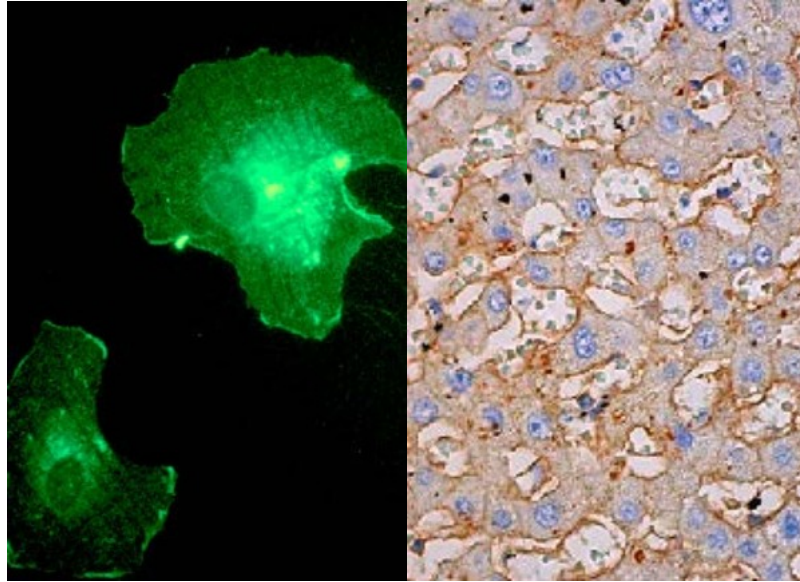
Background

Integrins are heterodimers composed of noncovalently associated transmembrane α and β subunits. The 16 α and 8 β 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.

Application

Integrin β 1 (4B7R) is recommended for detection of Integrin β 1 of mouse, rat and human origin by immunofluorescence (starting dilution 1:50, dilution range 1:50 - 1:500), immunohistochemistry (including paraffin - embedded sections) (starting dilution 1:50, dilution range 1:50 - 1:500), flow cytometry (1 μ g per 1×10^6 cells) and solid phase ELISA (starting dilution 1:30, dilution range 1:30 - 1:3000).

Data



Integrin $\beta 1$ (4B7R). Immunofluorescence staining of methanol - fixed HUV - EC - C cells showing membrane and cytoplasmic localization (Left). Immunoperoxidase staining of formalin fixed, paraffin - embedded human liver tissue showing membrane staining of hepatocytes (Right).