

Purified Anti-Human CD29 Monoclonal Antibody



天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
H20291-01A	25 µg
H20291-01C	100 µg

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
techsupport@sungenebiotech.com

Web | www.sungenebiotech.com

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
HI29a	Mouse IgG1	Human

Description

The CD29 (HI29a) antibody recognizes the 130-kDa transmembrane glycoprotein integrin β 1 subunit which is the common β 1 chain of the very late antigen (VLA) forming a non-covalent heterodimeric complex with several integrins α subunits that are receptors for extracellular matrix proteins such as collagen, fibronectin and osteopontin. CD29 has a broad tissue distribution including lymphocytes, monocytes, platelets, fibroblasts, and endothelial cells, whereas it is weakly expressed in granulocytes and absent in erythrocytes. CD29 is an important adhesion molecule involved in cell-cell and cell-extracellular matrix interactions. CD29 plays a critical role in the functional activity of lymphocytes by influencing cellular migration patterns as well as by transducing intracellular signals that influence lymphocyte function.

Product Information

Conjugation: No

Formulation: PBS pH 7.2 with 0.09% NaN₃

Storage: Keep as concentrated solution. Store at 4°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or lower. **Avoid cycles of freezing and thawing.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. Since applications vary, the appropriate dilutions must be determined for individual use.

For Research Use Only.