

Mouse Anti Human CD29 Purified

PRODUCT INFORMATION

CLONE: HI29a
ISOTYPE: Mouse IgG1
CATALOG#: A6501/A6501-bulk
CONTENTS: Purified antibody buffered in 10mM PBS (PH 7.0) with 0.1% NaN₃.

DESCRIPTION

CD29 McAb recognizes a transmembrane glycoprotein-130 KD integrin $\beta 1$ subunit which is as the common $\beta 1$ chain of the very late antigen (VLA) forming a non-covalent heterodimeric complex with one of nice distinct integrins α subunits. CD29 is called VLA- β chain or platelet GPIIa, and has a broad tissue distribution including lymphocytes, monocytes, platelets, fibroblasts, endothelial cells and weakly on granulocytes, but not on erythrocytes. CD29 is an important adhesion molecule involved cell-cell and cell-extracellular matrix interactions and 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.

PREPARATION

The monoclonal antibody is purified from ascites by protein G affinity chromatography.

USAGE

The purified reagent is effective for indirect immunofluorescence staining of human cells for flow cytometric analysis.

STORAGE

Store at 4°C. For long-term storage aliquot and store at -20°C. Avoid freeze and thaw cycles.

Use For Research Only