

CD57 (4G2) monoclonal antibody

Catalog: MB8633

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Over 100 cell surface markers have been identified through the use of monoclonal antibodies. Many of these markers have proven useful in identifying a specific sub-population of cells within a mixed colony. Accordingly, these molecules have been assigned a “cluster of differentiation” (CD) designation. T lymphocytes displaying the natural killer (NK) cell marker CD57 (also designated Leu7) on their cell surface are distinguishable from other T cell subsets by their granular lymphocyte morphology and their clonal expansion in patients with AIDS and in recipients of bone marrow transplantation. CD57-positive cells have also been shown to localize to sites of certain tumors and large numbers of these cells are detected in the synovial fluid from patients suffering from rheumatoid arthritis.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 38 kDa

Swiss-Prot:

Q9P2W7

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

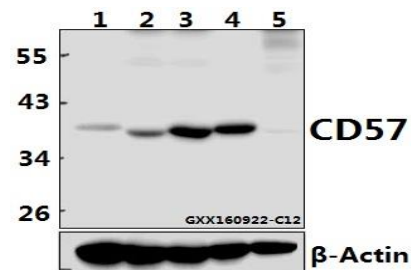
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD57 mAb detects endogenous levels of CD57 protein.

DATA:



Western blot (WB) analysis of CD57 mAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:The Brain tissue lysate of Mouse(40ug)

Lane3:The Brain tissue lysate of Rat(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:The Heart tissue lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151