



CD69 Mouse Monoclonal Antibody

E10-30021

Background: Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets. Subcellular location: Membrane, Single-pass type II membrane protein. Tissue specificity: Expressed on the surface of activated T-cells, B-cells, natural killer cells, neutrophils, eosinophils, epidermal Langerhans cells and platelets. Sequence similarities: Contains 1 C-type lectin domain.

Catalog Number: E10-30021

Amount: 100µg/100µl

Clone Number: 8B6

Species: Mouse IgG1

MW 22.5kDa

Aliases: CLEC2C; CD69

Entrez Gene: 696

Immunogen: Purified recombinant fragment of human CD69 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200-1/1000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

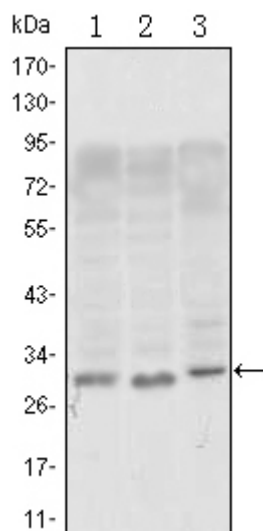


Figure 1: Western blot analysis using CD69 mouse mAb against, Jurkat (1), L1210 (2) and TPH-1 (3) cell lysate.

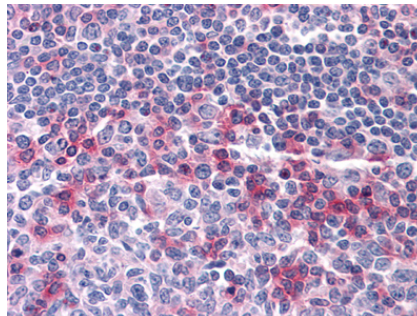


Figure 2: Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using anti-CD69 mouse mAb

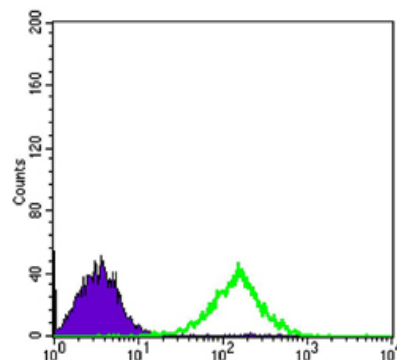


Figure 3: Flow cytometric analysis of Jurkat cells using CD69 mouse mAb (green) and negative control (purple).

For Research Use Only