

CD69 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4039
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD69 expressed in E. Coli.
Mol wt	22.5kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CLEC2C;CD69

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

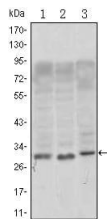
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

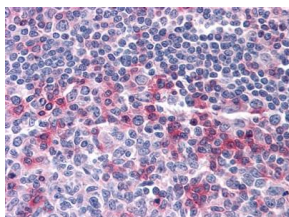
ELISA: 1:10000

Not yet tested in other applications.

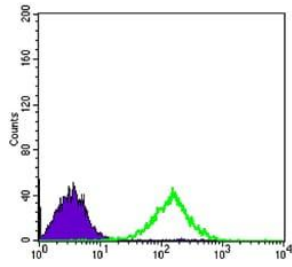
Images



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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