

Anti-Early activation antigen CD69 CD69 Monoclonal Antibody

Catalog Number: M00529-1

About CD69

GATA4, also known as GATA-binding factor 4, acts in cooperation with NKX2-5 as a transcriptional activator of ANF. It binds to the consensus sequence 5'-AGATAG-3' on DNA. GATA4 is critical for the enlargement of cardiac myocytes. Mutations in GATA4 have been linked with congenital heart malfunctions and malformations. Anti-GATA4 antibody is ideal for researchers interested in developmental biology, stem cell research, cell growth and cancer research.

Overview

Product Name	Anti-Early activation antigen CD69 CD69 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Early activation antigen CD69 CD69 Monoclonal Antibody catalog # M00529-1. Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human.
Application	ELISA, Flow Cytometry, IHC, WB
Clonality	Monoclonal 8B6
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q07108

Technical Details

Immunogen	Purified recombinant fragment of human CD69 expressed in E. Coli.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Affinity purification
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
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Anti-Early activation antigen CD69 CD69 Monoclonal Antibody (M00529-1) Images

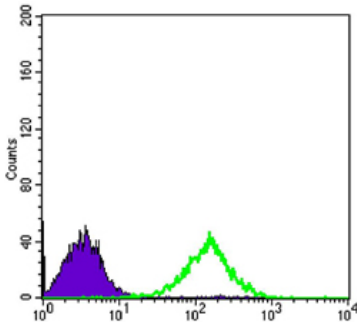


Figure 3. Flow Cytometry validation of CD69 using Anti-Early activation antigen CD69 CD69 Monoclonal Antibody (M00529-1).

Flow cytometric (FCM) analysis of Jurkat cells using CD69 Monoclonal Antibody (green) and negative control (purple).

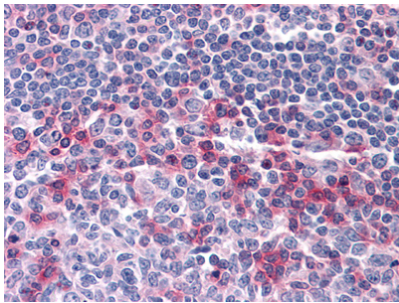


Figure 2. Immunohistochemistry validation of CD69 using Anti-Early activation antigen CD69 CD69 Monoclonal Antibody (M00529-1).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Tonsil tissues with AEC staining using CD69 Monoclonal Antibody.
For more protocol information of IHC

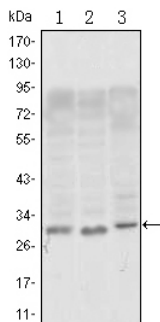


Figure 1. Western blotting validation for Anti-Early activation antigen CD69 CD69 Monoclonal Antibody M00529-1

Western Blot (WB) analysis using CD69 Monoclonal Antibody against

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