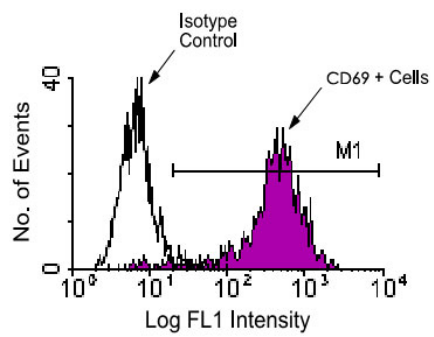
Cd69 monoclonal antibody, clone H1.2F3

Catalog # MAB3236 Size 500 ug

Applications



Flow Cytometry

Fresh BALB/c spleen cells were activated by incubation for 20 hours with PMA + ionomycin, then stained with either hamster IgG-FITC (as an isotype control) or Cd69 monoclonal antibody, clone H1.2F3 (Cat # MAB3236)-FITC. Large, activated cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Hamster monoclonal antibody raised against Cd69.
Immunogen	Native Cd69 from Y245 mouse dendritic epidermal T cell line.
Host	Hamster
Reactivity	Mouse
Specificity	Mouse CD69/Very Early Activation Antigen (VEA), Mr 85 KDa (unreduced).
Form	Liquid
Isotype	IgG
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Fresh BALB/c spleen cells were activated by incubation for 20 hours with PMA + ionomycin, then stained with either hamster IgG-FITC (as an isotype control) or Cd69 monoclonal antibody, clone H1.2F3 (Cat # MAB3236)-FITC. Large, activated cells were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

- Immunoprecipitation

Gene Info — Cd69

Entrez GeneID	12515
Gene Name	Cd69
Gene Alias	5830438K24Rik, AI452015, AIM, VEA
Gene Description	CD69 antigen
Gene Ontology	Hyperlink
Other Designations	Early activation antigen CD69|Very Early Activation Antigen

Publication Reference

- The activation antigen CD69.

  Ziegler SF, Ramsdell F, Alderson MR.

  Stem Cells 1994 Sep; 12(5):456.

  Application: Flow Cyt, Human, Mouse, B cells, Myeloid cells, Natural killer cells, Platelets, T cells, Thymocytes

- The mouse CD69 gene. Structure, expression, and mapping to the NK gene complex.

  Ziegler SF, Levin SD, Johnson L, Copeland NG, Gilbert DJ, Jenkins NA, Baker E, Sutherland GR, Feldhaus AL, Ramsdell F.

  Journal of Immunology 1994 Feb; 152(3):1228.

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- Regulation of RAG-1 and CD69 expression in the thymus during positive and negative selection.

  Brandle D, Muller S, Muller C, Hengartner H, Pircher H.

  European Journal of Immunology 1994 Jan; 24(1):145.

  Application: Flow Cyt, Mouse, Mouse thymocytes

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