

## Datasheet

### **Cd69 monoclonal antibody, clone H1.2F3 (PE/Cy7)**

**Catalog Number:** MAB5747

**Regulatory Status:** For research use only (RUO)

**Product Description:** Hamster monoclonal antibody raised against native Cd69.

**Clone Name:** H1.2F3

**Immunogen:** Native purified Cd69 from Y245 mouse dendritic epidermal T cell line.

**Host:** Hamster

**Reactivity:** Mouse

**Applications:** Flow Cyt, IHC-Fr, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Mouse CD69/Very Early Activation Antigen (VEA), Mr 85 KDa (unreduced).

**Form:** Liquid

**Conjugation:** PE/Cy7

**Isotype:** IgG, lambda

**Recommend Usage:** Flow Cytometry (0.2 ug/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 12515

**Gene Symbol:** Cd69

**Gene Alias:** 5830438K24Rik, AI452015, AIM, VEA

#### **References:**

1. 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. J Immunol. 1994 Feb 1;152(3):1228-36.
2. Very early (VEA) and very late (VLA) activation antigens have distinct functions in T lymphocyte activation. Yokoyama WM, Maxfield SR, Shevach EM. Immunol Rev. 1989 Jun;109:153-76.
3. Characterization of a cell surface-expressed disulfide-linked dimer involved in murine T cell activation. Yokoyama WM, Koning F, Kehn PJ, Pereira GM, Stingl G, Coligan JE, Shevach EM. J Immunol. 1988 Jul 15;141(2):369-76.