

For Research Use Only

FITC Plus Anti-Mouse CD69 (H1.2F3)

Catalog Number: FITC-65105



Basic Information

Catalog Number: FITC-65105	GenBank Accession Number: BC106997	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 12515	CloneNo.: H1.2F3
Source: Armenian Hamster	Full Name: CD69 antigen	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG		

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

CD69, also known as AIM, EA-1, Leu-23, and MLR3, is a type II transmembrane glycoprotein that belongs to the C-type lectin superfamily (PMID: 8340758; 7804122). CD69 is constitutively expressed by mature thymocytes, platelets, several subsets of tissue resident immune cells (including resident memory T cells and gamma delta T cells), and is inducibly expressed by activated T cells, B cells, natural killer (NK) cells, monocytes, neutrophils (PMID: 8100776; 28475283). CD69 has been identified as an early activation marker of lymphocytes and is commonly used as a marker of activated lymphocytes and NK cells (PMID: 28475283; 25759842). It is involved in the regulation of immune responses (PMID: 15745855).

Storage

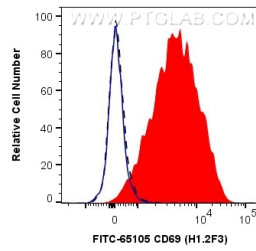
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



1X10⁶ anti-CD3/CD28-stimulated mouse splenocytes were surface stained with 0.5 ug FITC Anti-Mouse CD69 (FITC-65105, Clone:H1.2F3) (red), or 0.5 ug Isotype Control (blue). The black dashed line indicates unstimulated mouse splenocytes surface stained with 0.5 ug FITC Anti-Mouse CD69 (FITC-65105, Clone:H1.2F3). Cells were not fixed.