

Monoclonal Antibody to CD69 - PE

Alternate names:	AIM, Activation inducer molecule, BL-AC/P26, C-type lectin domain family 2 member C, EA1, Early T-cell activation antigen p60, Early activation antigen CD69, GP32/28, Leu-23, MLR-3
Catalog No.:	SM043R
Quantity:	100 Tests
Concentration:	0.1 mg/ml
Background:	CD69 is expressed rapidly on the surface of T cells, B cells and NK cells following activation.
Uniprot ID:	P37217
NCBI:	NP_001028294.1
GeneID:	12515
Host / Isotype:	Hamster / IgG
Clone:	HI.2F3
Immunogen:	Murine dendritic epidermal Y245 cell line.
Format:	State: Liquid purified IgG Buffer System: PBS containing 0.09% Sodium Azide and 0.5% Bovine Serum Albumin Label: PE – R. Phycoerythrin (RPE)
Applications:	Flow cytometry: Neat - 1/10; Use 5µl of the suggested working dilution to label 10e6 cells in 100µl; The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD69 cell surface antigen, an 85kD dimeric glycoprotein. Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: 6 month from despatch.
General References:	1. Yokoyama, W.M. et al. (1988) Characterization of a cell surface - expressed disulfide-linked dimer involved in murine T cell activation. J.Immunol. 141: 369-376

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com