PE anti-human CD69

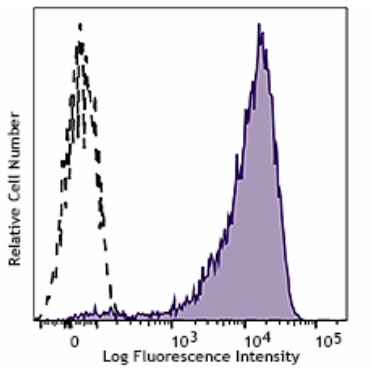
Analyte Specific Reagent. Analytical and performance characteristics are not established.

Catalog# / Size	985202 / 500 µL
Clone	FN50
Workshop	IV A91
Other Names	Very Early Activation Antigen (VEA), Activation inducer molecule (AIM)
Isotype	Mouse IgG1, κ
Description	CD69 is a 27-33 kD type II transmembrane protein also known as activation inducer molecule (AIM), very early activation antigen (VEA), and MLR3. It is a member of the C-type lectin family, expressed as a disulfide-linked homodimer. Other members of this receptor family include NKG2, NKR-P1 CD94, and Ly49. CD69 is transiently expressed on activated leukocytes including T cells, thymocytes, B cells, NK cells, neutrophils, and eosinophils. CD69 is constitutively expressed by a subset of medullary mature thymocytes, platelets, mantle B cells, and certain CD4+ T cells in germinal centers of normal lymph nodes. CD69 is involved in early events of lymphocyte, monocyte, and platelet activation, and has a functional role in redirected lysis mediated by activated NK cells.

Product Details

Reactivity	Human
Formulation	Phosphate-buffered solution, pH7.2, containing 0.09% sodium azide, 0.2% (w/v) BSA (origin USA), and a stabilizer.
Preparation	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions.
Concentration	50 µg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. **Do not freeze**.
Application	Suggested for Flow Cytometry
Disclaimer	WARNINGS AND PRECAUTIONS 1. Use appropriate personal protective equipment and safety practices per universal precautions when working with this reagent. Refer to the reagent safety data sheet. 2. This antibody contains sodium azide. Follow federal, state and local regulations to dispose of this reagent. Sodium azide build-up in metal wastepipes may lead to explosive conditions; if disposing of reagent down wastepipes, flush with water after disposal. 3. All specimens, samples and any material coming in contact with them should be considered potentially infectious and should be disposed of with proper precautions and in accordance with federal, state and local regulations. 4. Do not use this reagent beyond the expiration date stated on the label. 5. Do not use this reagent if it appears cloudy or if there is any change in the appearance of the reagent as these may be an indication of possible deterioration. 6. Avoid prolonged exposure of the reagent or stained cells to light.

Product Data



Typical results from Cell Activation Cocktail (without Brefeldin A, BioLegend Cat#423301) stimulated (3 hours) human peripheral blood lymphocytes stained either with FN50 PE used at 5µL/test (filled histogram) or with an isotype control (open histogram).

Symbols Glossary*

Symbol	Meaning	Symbol Title	Symbol No.	Symbol	Meaning	Symbol Title	Symbol No.
REF	Catalog number	Catalogue number	5.1.6		Indicates the need for the user to consult the instructions for use.	Consult instructions for use	5.4.3
	Indicates the temperature limits to which the medical device can be safely exposed.	Temperature limit	5.3.7		Indicates a medical device that needs protection from light sources.	Keep away from sunlight	5.3.2
	Indicates the upper limit of temperature to which the medical device can be safely exposed.	Upper limit of temperature	5.3.6		Indicates the date after which the medical device is not to be used.	Use-by date	5.1.4
	Indicates the medical device manufacturer.	Manufacturer	5.1.1	EC REP	Indicates the authorized representative in the European Community.	Authorized representative in the European Community	5.1.2
LOT	Indicates the manufacturer's batch code so that the batch or lot can be identified.	Batch code	5.1.5	IVD	Indicates a medical device that is intended to be used as an in vitro diagnostic medical device.	*In vitro* diagnostic medical device	5.5.1

* Symbol information is from EN ISO 15223-1:2016 Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements

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