

CD69 Monoclonal Antibody (H1.2F3), eFluor™ 450, eBioscience™

Product Details	
Size	100 µg
Species reactivity	Mouse
Published species	Human, Mouse
Host / Isotype	Armenian Hamster / IgG
Class	Monoclonal
Type	Antibody
Clone	H1.2F3
Conjugate	eFluor™ 450
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4°C, store in dark, DO NOT FREEZE!
RRID	AB_10719430

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.25 µg/test	17 Publications

Product Specific Information

Description: The H1.2F3 monoclonal antibody reacts with mouse CD69, also known as very early activation antigen (VEA). CD69 is approximately 35 kDa and is expressed on the surface as a disulfide-linked dimer. While a small subset of lymphocytes in the thymus, spleen and lymph nodes express this antigen, activation of both T and B cells rapidly upregulates the surface expression of CD69, suggesting a role for CD69 in lymphocyte development and activation.

Applications Reported: This H1.2F3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This H1.2F3 antibody has been tested by flow cytometric analysis of 24 hour Con A-stimulated mouse splenocytes. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

eFluor® 450 is an alternative to Pacific Blue®. eFluor® 450 emits at 445 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Excitation: 405 nm; Emission: 445 nm; Laser: Violet Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Visit thermofisher.com to view references and figures.

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