Overview

Product name: Anti-CD73 antibody [7G2]
Description: Mouse monoclonal [7G2] to CD73
Host species: Mouse
Tested applications: Suitable for: Flow Cyt, ICC
Unsuitable for: WB
Species reactivity: Reacts with: Human
Immunogen: Full length purified Human placental CD73.
General notes: The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form: Liquid
Storage buffer: pH: 7.40
Preservative: 0.1% Sodium azide
Constituent: PBS
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 7G2
Isotype: IgG2a
Light chain type: kappa
The Abpromise guarantee

Application notes

Function

Involvement in disease

Sequence similarities

Cellular localization

Images

Immunofluorescence analysis of CD73 was performed using 70% confluent log phase U-87 MG cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with ab54217 at a concentration of 1 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with a Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, Alexa Fluor® 488 conjugate, (1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b: Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (1:300 dilution). Panel d represents the merged image showing membrane localization. Panel e represents HeLa cells showing no expression of CD73. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.
Flow Cytometry - Anti-CD73 antibody [7G2] (ab54217) staining human peripheral blood lymphocytes by FACS analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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