# abcam

# Product datasheet

# Anti-CD73 antibody [7G2] ab54217

★★★★★ 3 Abreviews 29 References 2 图像

## 概述

产品名称 Anti-CD73抗体[7G2]

宿主 Mouse

经测试应用 适用于: Flow Cyt, ICC

不适用于: WB

种属反应性 与反应: Human

免疫原 Full length purified Human placental CD73.

阳性对照 Flow Cyt: Human peripheral blood lymphocytes. ICC: U-87 MG cells.

常规说明

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

性能

形式 Liquid

**存放说明** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long

term.

**存储溶液** pH: 7.40

Preservative: 0.1% Sodium azide

Constituent: PBS

纯**度** Protein A purified

**克隆** 单克隆

**克隆编号** 7G2

同种型 lgG2a

轻链类型 kappa

### The Abpromise guarantee

# Abpromise™承诺保证使用ab54217于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt	★ 前 前 前 前 (1)	Use a concentration of 1 - 2 $\mu$ g/ml. <u>ab170191</u> - Mouse monoclonal lgG2a, is suitable for use as an isotype control with this antibody.
ICC	**** (1)	1/100.

应用说明

Is unsuitable for WB.

#### 靶标

功能 Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.

疾病相关 Defects in NT5E are the cause of calcification of joints and arteries (CAJA) [MIM:211800]. A

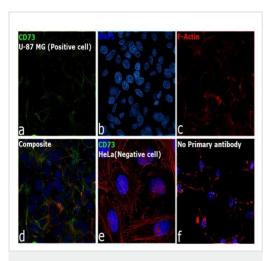
condition characterized by adult-onset calcification of the lower extremity arteries, including the iliac, femoral and tibial arteries, and hand and foot capsule joints. Age of onset has been reported as early as the second decade of life, usually involving intense joint pain or calcification in the

hands

序列相似性 Belongs to the 5'-nucleotidase family.

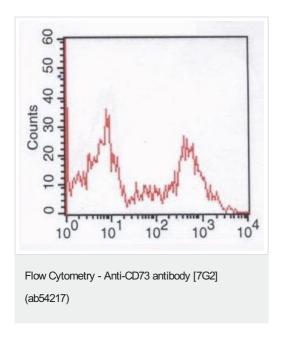
细**胞定位** Cell membrane.

#### 图片



Immunocytochemistry - Anti-CD73 antibody [7G2] (ab54217)

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 DAPIF-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.



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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