**Product datasheet**

**Anti-CD73 antibody [7G2] ab54217**

★☆☆☆☆ 3 Abreviews  16 References  2 Images

**Overview**

**Product name**
Anti-CD73 antibody [7G2]

**Description**
Mouse monoclonal [7G2] to CD73

**Host species**
Mouse

**Tested applications**
Suitable for: IP, IHC-Fr, Flow Cyt, ICC/IF

**Unsuitable for:** WB

**Species reactivity**
Reacts with: Human

**Immunogen**
Full length purified Human placental CD73.

**Positive control**
Flow Cyt: Human peripheral blood lymphocytes.

**Properties**

**Form**
Liquid

**Storage instructions**

**Storage buffer**
Preservative: 0.1% Sodium Azide
Constituents: PBS, pH 7.4

**Purity**
Protein A purified

**Clonality**
Monoclonal

**Clone number**
7G2

**Isotype**
IgG2a

**Light chain type**
Kappa

**Applications**

Our *Abpromise guarantee* covers the use of *ab54217* in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP</td>
<td></td>
<td>Use at an assay dependent concentration. Use 10µg per test.</td>
</tr>
</tbody>
</table>
Application notes

Is unsuitable for WB.

Target

Function
Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.

Involvement in disease
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.

Sequence similarities
Belongs to the 5'-nucleotidase family.

Cellular localization
Cell membrane.

Images

ab54217 staining human peripheral blood lymphocytes by FACS analysis.
Immunocytochemistry/ Immunofluorescence - Anti-CD73 antibody [7G2] (ab54217)

This image is courtesy of Dario Siniscalco

ab54217 staining cultured human bone marrow stem cells by ICC/IF. Cells were formaldehyde fixed, permeabilization not done prior to blocking in 1% BSA for 30 minutes at 22°C. The primary antibody was diluted 1/250 and incubated with sample for 12 hours at 4°C. FITC conjugated rabbit polyclonal to mouse diluted 1/1000 was used as the secondary.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors