

### APC Anti-CD73 antibody [AD2], prediluted ab155378

[3 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	APC Anti-CD73 antibody [AD2], prediluted
<b>Description</b>	APC Mouse monoclonal [AD2] to CD73, prediluted
<b>Host species</b>	Mouse
<b>Conjugation</b>	APC. Ex: 645nm, Em: 660nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to CD73. Pre-B leukemia cell line
<b>Positive control</b>	Normal Human peripheral blood cells.
<b>General notes</b>	<p>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.</p> <p>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&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 99% PBS, 0.2% BSA</p>
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	AD2
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab155378 in the following tested applications.

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

Application	Abreviews	Notes
Flow Cyt		Use 5µl for 10 <sup>6</sup> cells. <b>ab37391</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 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.

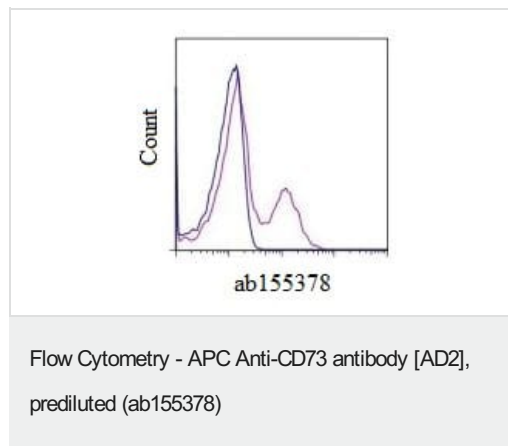
### Sequence similarities

Belongs to the 5'-nucleotidase family.

### Cellular localization

Cell membrane.

## Images



Flow Cytometric analysis of normal Human peripheral blood cells labeling CD73 with ab155378 (purple histogram) at 0.125 µg/test in 100 µl final volume or an equal amount of Mouse IgG1 kappa Isotype Control APC (blue histogram). Cells in the lymphocyte gate were used for analysis.

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

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