

Product datasheet

Anti-CD73 antibody [AD2] ab130451

1 References

Overview

<b>Product name</b>	Anti-CD73 antibody [AD2]
<b>Description</b>	Mouse monoclonal [AD2] to CD73
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Purified from cell culture supernatant by protein-A affinity chromatography. Purity: > 95% (by SDS-PAGE).
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	AD2
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab130451** 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
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Flow Cyt

Use at an assay dependent concentration.

[ab170190](#) - 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.

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