

Product datasheet

Anti-CD73 antibody [AD2] (Alexa Fluor® 647) ab243083

1 Image

Overview

Product name	Anti-CD73 antibody [AD2] (Alexa Fluor® 647)
Description	Mouse monoclonal [AD2] to CD73 (Alexa Fluor® 647)
Host species	Mouse
Conjugation	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	Flow Cyt: Human peripheral blood.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	The purified antibody is conjugated with Alexa Fluor® 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Clonality	Monoclonal
Clone number	AD2
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab243083** in the following tested applications.

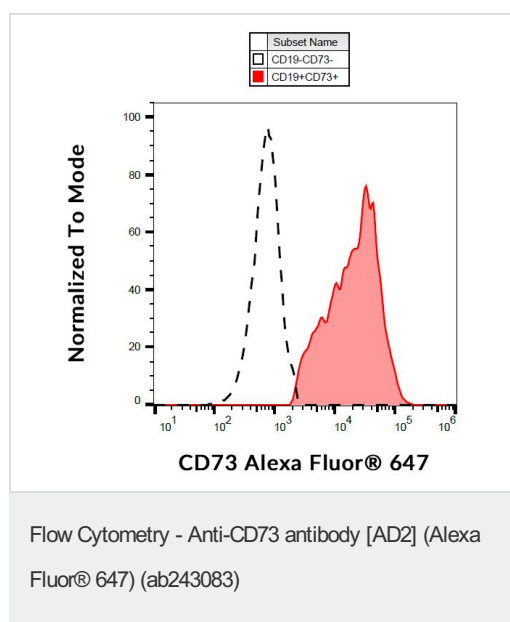
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 4µl for 10 ⁶ cells. OR 100 µl of whole blood.

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 Cytometry analysis of human peripheral blood labeling CD73 with ab243083. Surface staining.

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