

PRODUCT INFORMATION

Clone ID DM204 **Target** CD73

Synonyms CD73;NT5E;5'-Nucleotidase;5'-NT;NT5;NTE

Host Species Rabbit

Description Anti-CD73 antibody(DM204); Rabbit mAb

Delivery In Stock **Uniprot ID** P21589 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Formulation & Reconstitution

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is

used as a determinant of lymphocyte Background

differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene [provided by

RefSeq; Mar 2011]

Usage Research use only

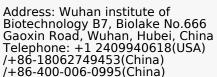
Conjugate Unconjugated

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

DIMA Disclaimer reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to

ensure no IP infringement.

Email: info@dimabio.com Website: www.dimabio.com







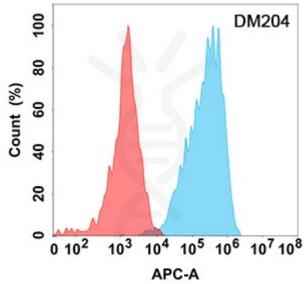


Figure 1. Flow cytometry analysis with Anti-CD73 (DM204) on Expi293 cells transfected with human CD73 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

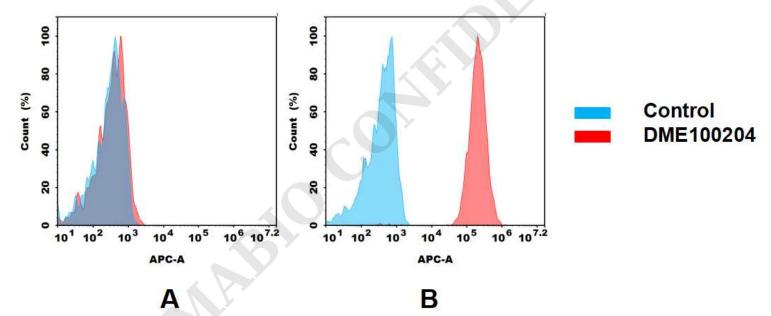
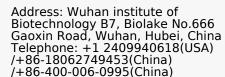


Figure 2. Flow cytometry analysis of antigen binding of Rabbit anti-human CD73 mAb(DME100204). (A) DME100204 does not bind to Jurkat cells that do not express CD73. (B) A clear peak shift of DME100204 was seen compared to the control when incubated with CD73-expressing HT55 cells, indicating strong binding of DME100204 to CD73. Antibodies were incubated at 10 μ g/mL.



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