

PRODUCT INFORMATION

Clone ID DM204 CD73 **Target**

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

Background

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

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

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

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

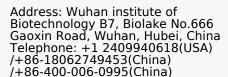
differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene [provided by

RefSeq; Mar 2011]

Usage Research use only

Conjugate Unconjugated









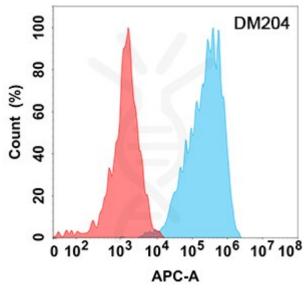


Figure 1. Flow cytometry analysis with Anti-CD73 (DM204) on Expi293 cells transfected with human CD73 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

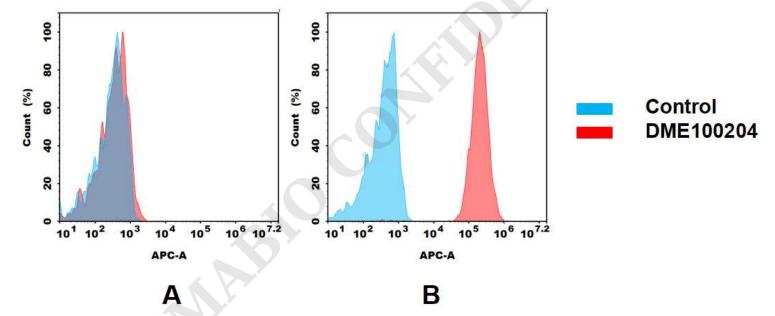
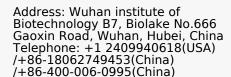


Figure 2. Flow cytometry analysis of antigen binding of Rabbit anti-human CD73 mAb(DME100204). (A) DME100204 does not bind to Jurkat cells that do not express CD73. (B) A clear peak shift of DME100204 was seen compared to the control when incubated with CD73-expressing HT55 cells, indicating strong binding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



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