

CD73 / 5'-Nucleotidase Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 90006 (clone 10f1)
Format: 100ug, Protein A-purified, lyophilized, 0.1M Tris, 0.1M glycine, 2% sucrose, 1mg/ml.

BACKGROUND

5'-nucleotidase (5'-NT), also known as ecto-5'-nucleotidase or CD73 (**C**luster of **D**ifferentiation **73**), is an enzyme that in humans is encoded by the *NT5E* gene. CD73 converts AMP to adenosine. This enzyme consists of a dimer of 2 identical 70-kDa subunits bound by a glycosyl phosphatidyl inositol linkage to the external face of the plasma membrane. A deficiency of NT5 occurs in a variety of immunodeficiency diseases

SPECIFICATION SUMMARY

Antigen: Recombinant 5'-nucleotidase (5'-NT). Accession no. P21589.
Host species: Mouse.
Antibody Class: IgG1.
Preservative: None.

SPECIFICITY

This antibody reacts with human 5'-NT.

APPLICATIONS

ELISA: use at 1-10ug/ml.
Immunoblotting: use at 1-5ug/ml. A band of ~63kDa is detected.
Immunohistochemistry: use at 1-5ug/ml.
These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

RECONSTITUTION

Reconstitute in distilled water.

STORAGE AND STABILITY

This product is stable for at least one (1) year at -20°C to -70°C. Reconstituted product should be stored in appropriate aliquots to avoid repeated freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.