
NT5E (1D7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252906

Unit: 0.1 ml

Description:

NT5E (CD73 (Cluster of Differentiation 73)) is an ecto-5'-nucleotidase. NT5E catalyzes the conversion at neutral pH of purine 5-prime mononucleotides to nucleosides, the preferred substrate being AMP. The enzyme consists of a dimer of 2 identical 70-kD subunits bound by a glycosyl phosphatidyl inositol linkage to the external face of the plasma membrane. The enzyme is used as a marker of lymphocyte differentiation. Consequently, a deficiency of NT5 occurs in a variety of immunodeficiency diseases. Other forms of 5-prime nucleotidase exist in the cytoplasm and lysosomes and can be distinguished from ecto-NT5 by their substrate affinities, requirement for divalent magnesium ion, activation by ATP, and inhibition by inorganic phosphate.

Isotype: Mouse IgG1

Applications: IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: eN; NT5; CD73; 5'-nucleotidase, ecto (CD73)

Accession No.: Q96B60

Antigen: Purified recombinant fragment of NT5E expressed in *E. coli*.

Application Notes: IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.