
Product Name: NT5E Mouse Monoclonal Antibody**Catalog #: AMM81312**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	63.4kDa

Antigen Information

Gene Name	NT5E
Alternative Names	NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA
Gene ID	4907.0
SwissProt ID	P21589
Immunogen	Purified recombinant fragment of human NT5E (AA: 30-250) expressed in E. Coli.

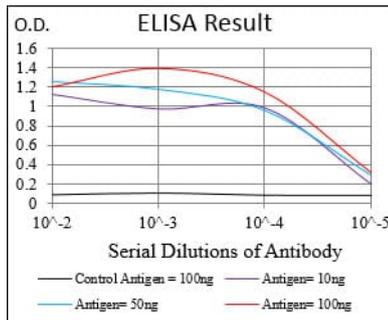
Background

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

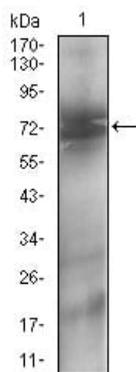
this gene.

Research Area

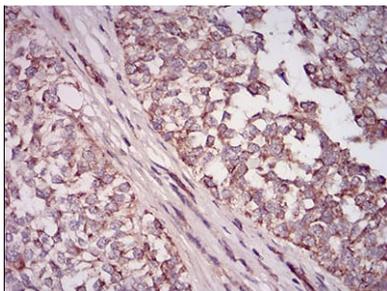
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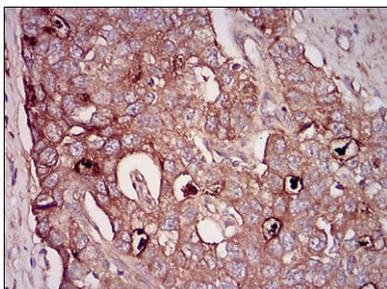
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using NT5E mouse mAb against A431 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using NT5E mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophagus cancer tissues using NT5E mouse mAb with DAB staining.