Recombinant NT5C3A/UMPH1 Monoclonal Antibody

catalog number: AN300444P

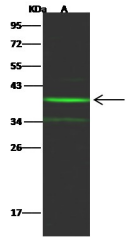
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human NT5C3A/UMPH1 Protein
Host	Rabbit
Isotype	IgG
Clone	B370
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:1000
IP	1-2 μL/mg of lysate

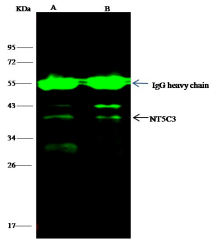
Data



Western Blot with NT5C3 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: HepG2 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:39 kDa

Calculated-MW:38 kDa



Immunoprecipitation analysis using 0.5 μL anti-NT5C3 Monoclonal Antibody and 15 μl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using NT5C3 Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg 293T Whole Cell Lysate, Lane B:0.5 mg Jurkat Whole Cell Lysate

Observed-MW:39 kDa

Calculated-MW:38 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes a member of the 5'-nucleotidase family of enzymes that catalyze the dephosphorylation of nucleoside 5'-monophosphates. The encoded protein is the type 1 isozyme of pyrimidine 5' nucleotidase and catalyzes the dephosphorylation of pyrimidine 5' monophosphates. Mutations in this gene are a cause of hemolytic anemia due to uridine 5-prime monophosphate hydrolase deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and pseudogenes of this gene are located on the long arm of chromosomes 3 and 4.

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