



# NT5C1A Monoclonal Antibody

<b>Catalog No</b>	BYmab-13954
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	NT5C1A
<b>Protein Name</b>	Cytosolic 5'-nucleotidase 1A
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NT5C1A. AA range:151-200
<b>Specificity</b>	NT5C1A Monoclonal Antibody detects endogenous levels of NT5C1A protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	NT5C1A; Cytosolic 5'-nucleotidase 1A; cN1A; Cytosolic 5'-nucleotidase 1A; cN-1; cN-1A
<b>Observed Band</b>	41kD
<b>Cell Pathway</b>	Cytoplasm.
<b>Tissue Specificity</b>	Highly expressed in skeletal muscle. Detected at intermediate levels in heart, brain, kidney and pancreas.
<b>Function</b>	catalytic activity:A 5'-ribonucleotide + H <sub>2</sub> O = a ribonucleoside + phosphate.;cofactor:Magnesium.;enzyme regulation:Activated by ADP.;function:Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia.;similarity:Belongs to the 5'-nucleotidase type 3 family.;tissue specificity:Highly expressed in skeletal muscle. Detected at intermediate levels in heart, brain, kidney and pancreas.;
<b>Background</b>	Cytosolic nucleotidases, such as NT5C1A, dephosphorylate nucleoside monophosphates (Hunsucker et al., 2001 [PubMed 11133996]).[supplied by

**Nanjing BYabscience technology Co.,Ltd**



OMIM, Mar 2008],

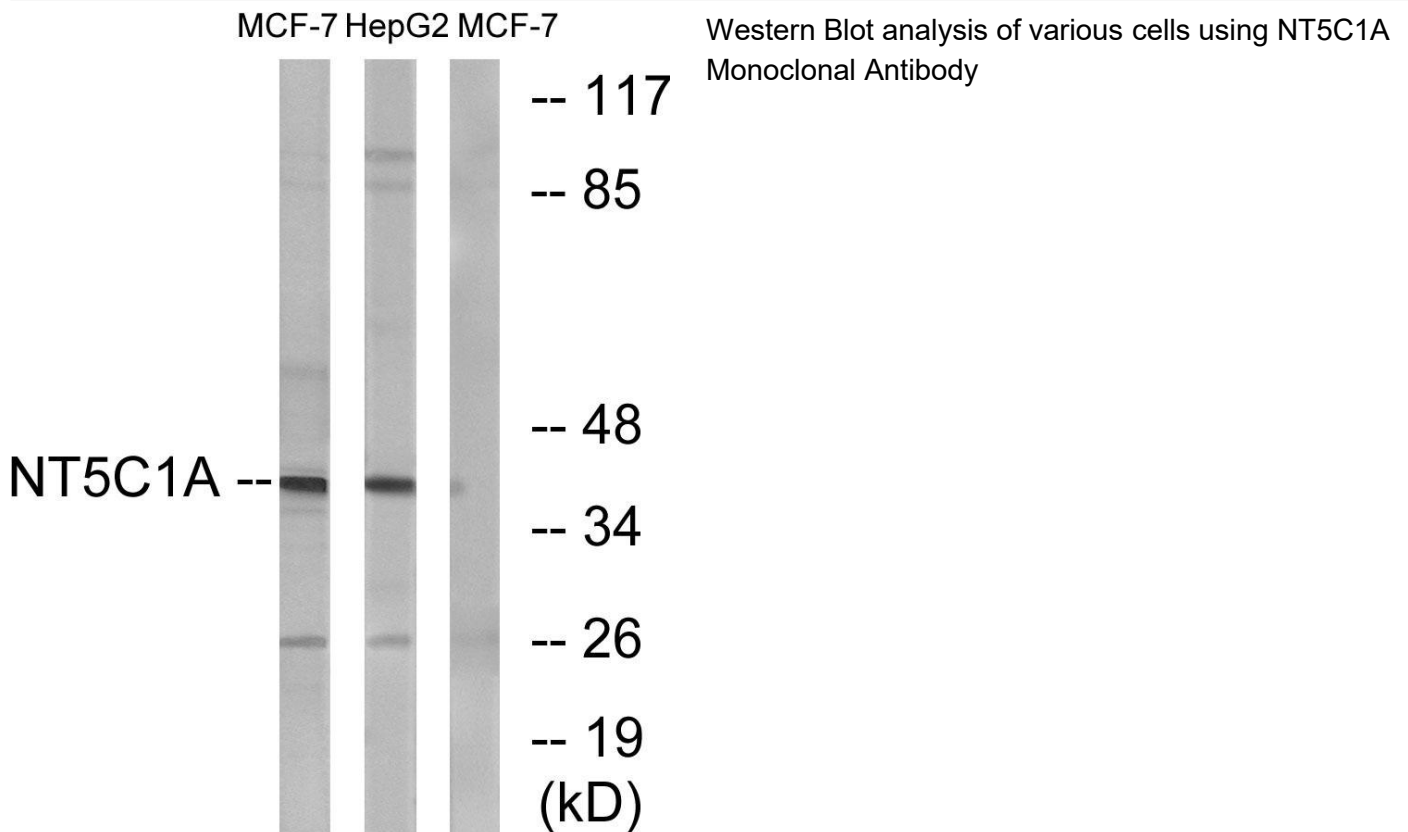
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Nanjing BYabs science technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658