



NT5M Mouse mAb

Catalog No	YP-mAb-19351
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NT5M DNT2
Immunogen	Synthesized peptide derived from human NT5M. AA range:1-130
Specificity	This antibody detects endogenous levels of NT5M at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NT5M DNT2;5'(3')-deoxyribonucleotidase; mitochondrial (5';3'-nucleotidase; mitochondrial) (Deoxy-5'-nucleotidase 2) (dNT-2)
Observed Band	
Calculated Molecular Weight	25kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Highly expressed in heart, brain and skeletal muscle. Detected at very low levels in kidney and pancreas.
Function	Dephosphorylates specifically the 5' and 2'(3')-phosphates of uracil and thymine deoxyribonucleotides, and so protects mitochondrial DNA replication from excess dTTP. Has only marginal activity towards dIMP and dGMP.
Background	
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.



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