

MAB250Ra21

Monoclonal Antibody to 5'-Nucleotidase, Ecto (NT5E)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: NT5E, Rat

Clonality: Monoclonal

Host: Mouse

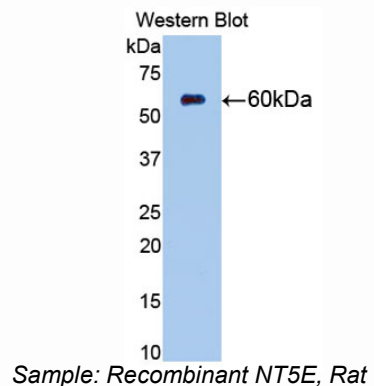
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg



[IMMUNOGEN INFORMATION]

Immunogen: Recombinant NT5E (Trp29~phe550) expressed in *E.coli*.

USCN Accession No.: RPB250Ra01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSQSEF-WE LTIMHTNDVH SRLEQTSDDS TKCLNASLCV GGVARLFTKV
QQIRKEEPNV LLLDAGDQYQ GTIWFTVYKG LEVAHFMNLL GYDAMALGNH EFDNGVEGLI
DPLLNRVKFP ILSANIKARG PLAPQISGLY LPYKVLVSGG EVVGIVGYTS KETPFLSNPG
TNLVFEDEVT ALQPEVDKLG TLNVNIIAL GHSGFEMDKL IAQKVRGVDV VVGHTNTFL
YTGNNPSKEV PAGKYPFIVT SDDGRKVPVQ QAYAFGKYLK YLKVFEFDDKG NVVTSYGNPI
LLNSTIREDA AIKADINQWR IKLDNYSTQE LGRTIVYLNG SAQEGRFREC NMGNLICDAM
INNLRHPDE MFWNHVSMCI VNGGGIRSPI DERNNGTITW ENLAAVLPFG GTFDLVQLKG
STLKKAFEHS VHRYGQSTGE FLQVGGIHVV YDISRKPWDR VVQLKVLCTK CRVPIEPLK
MDKVYKVVLP SYLVNGGDGF QMIKDELLKH DSGDQDISVV SEYISKMKVI YPAVEGRIKF

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against NT5E. It has been selected for its ability to recognize NT5E in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.