

PAB250Ra01

Polyclonal 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: Polyclonal

Host: Rabbit

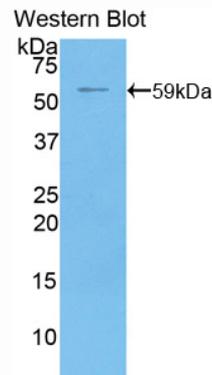
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant NT5E, Rat

[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.

MGHHHHHSGSEF-WE LTIMHTNDVH SRLEQTSDDS TKCLNASLCV GGVARLFTKV
QQIRKEEPNV LLLDAGDQYQ GTIWFTVYKG LEVAHFMNLL GYDAMALGNH EFDNGVEGLI
DPLLNRNVKFP ILSANIKARG PLAPQISGLY LPYKVLVSGG EVVGIVGYTS KETPFLSNPG
TNLVFEDEVT ALQPEVDKLG TLNVNKKIAL GHSGFEMDKL IAQKVRGVDV VVGHTNTFL
YTGNPPSKEV PAGKYPIVIT SDDGRKVPV VQAYAFGKYL YLKVFEFDDKG NVVTSYGNPI
LLNSTIREDA AIKADINQWR IKLDNYSTQE LGRTIVYLNG SAQECRFREC NMGNLICDAM
INNLRHPDE MFWNHVSMCI VNGGGIRSPI DERNNGTITW ENLAAVLPGF GTFDLVQLKG
STLKKAFEHS VHRYGQSTGE FLQVGGIHVV YDISRKPWDR VVQLKVLCTK CRVPIYEPLE
MDKVYKVVLP SYLVNGGDGF QMIKDELLKH DSGDQDISVV SEYISKMKVI YPAVEGRIKF

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal 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.

[QUALITY CONTROL]

Content: The quality control contains recombinant NT5E (Trp29~Phe550) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[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.