

## Mouse anti-Human CD73 (NT5E) Monoclonal Antibody | anti-NT5E antibody

CD73 (NT5E) Antibody (C-term)

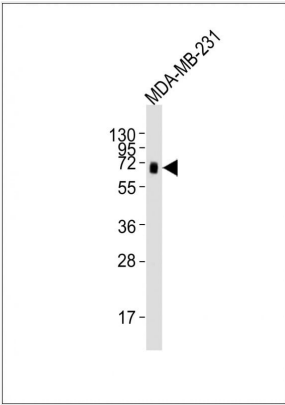
|                               |                      |                            |                                            |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA283545</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

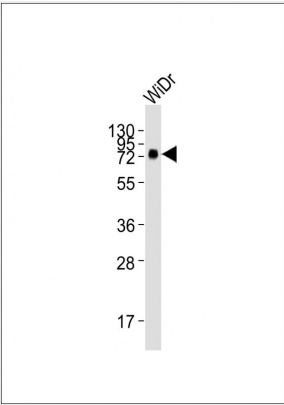
CD73 (NT5E); Monoclonal Antibody; CD73 (NT5E) Antibody (C-term); 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73; NT5E; NT5; NTE; anti-NT5E antibody

### PRODUCT SPECIFICATIONS

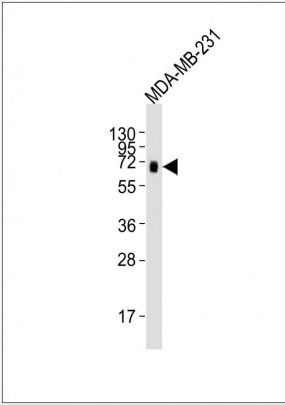
|                                                |                                                                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                               |
| Reactivity                                     | Human                                                                                                                                                               |
| Clonality                                      | Monoclonal                                                                                                                                                          |
| Isotype                                        | IgG1                                                                                                                                                                |
| Clone Number                                   | 974CT7.5.3                                                                                                                                                          |
| Specificity                                    | Purified His-tagged CD73(NT5E) protein was used to produced this monoclonal antibody.                                                                               |
| Form/Format                                    | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                             |
| Sequence Length                                | 524                                                                                                                                                                 |
| Applicable Applications for anti-NT5E antibody | ELISA, WB (Western Blot)                                                                                                                                            |
| Antigen Type                                   | Recombinant Protein                                                                                                                                                 |
| Crown Antibody                                 | Yes                                                                                                                                                                 |
| Antigen Source                                 | Human                                                                                                                                                               |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.              |



**WB (Western Blot)**  
CD73 (NT5E) Antibody (C-term) western blot analysis in MDA-MB-231,WiDr cell line lysates (35ug/lane).This demonstrates the CD73 (NT5E) antibody detected the CD73 (NT5E) protein (arrow).



**WB (Western Blot)**  
Anti-CD73 (NT5E) Antibody (C-term) at 1:2000 dilution + WiDr whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 63 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



**WB (Western Blot)**  
Anti-CD73 (NT5E) Antibody (C-term) at 1:4000 dilution + MDA-MB-231 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 63 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NT5E antibody | Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.                                                                                                                                                                                                            |
| Product Categories/Family for anti-NT5E antibody   | Crown Antibodies; Cardiovascular                                                                                                                                                                                                                                                     |
| References                                         | Misumi Y., et al. Eur. J. Biochem. 191:563-569(1990).<br>Otsuki T., et al. DNA Res. 12:117-126(2005).<br>Mungall A.J., et al. Nature 425:805-811(2003).<br>Hansen K.R., et al. Gene 167:307-312(1995).<br>Zanoni L., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases. |

NCBI AND UNIPROT INFORMATION

|                           |                             |
|---------------------------|-----------------------------|
| NCBI GI #                 | 325651886                   |
| NCBI GeneID               | 4907                        |
| NCBI Accession #          | NP_001191742.1; NP_002517.1 |
| NCBI GenBank Nucleotide # | NM_001204813.1              |

|                                  |                                          |
|----------------------------------|------------------------------------------|
| UniProt Accession #              | P21589; O75520; Q5W116; B3KQI8           |
| Molecular Weight                 | 63368                                    |
| NCBI Official Full Name          | 5'-nucleotidase isoform 2 preproprotein  |
| NCBI Official Synonym Full Names | 5'-nucleotidase, ecto (CD73)             |
| NCBI Official Symbol             | NT5E                                     |
| NCBI Official Synonym Symbols    | NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA |
| NCBI Protein Information         | 5'-nucleotidase                          |
| UniProt Protein Name             | 5'-nucleotidase                          |
| UniProt Gene Name                | NT5E                                     |
| UniProt Synonym Gene Names       | NT5; NTE; 5'-NT                          |
| UniProt Entry Name               | 5NTD_HUMAN                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd73-nt5e-antibody-clone-974ct7-5-3-western-blot-elisa/283545>