

## Mouse anti-Human, Rat Parathyroid Hormone Related Protein (PTHrP) Monoclonal Antibody | anti-PTHrP antibody

Monoclonal Antibody to Parathyroid Hormone Related Protein (PTHrP)

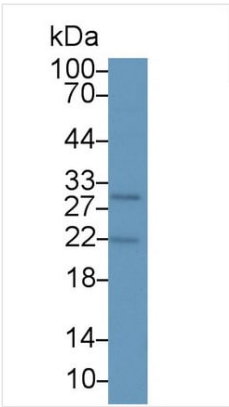
| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                 |
|-----------|-------|------------|------------------------------------------------------------------------------|
| AAA151632 | Mouse | Human, Rat | Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Parathyroid Hormone Related Protein (PTHrP); Monoclonal Antibody; Monoclonal Antibody to Parathyroid Hormone Related Protein (PTHrP); PTHrP/Parathyroid Hormone Related Protein; PTHLH; HHM; PTHR; PLP; Osteostatin; Parathyroid Hormone Like Hormone; anti-PTHrP antibody

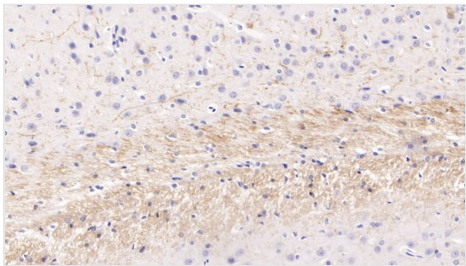
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                      | Human, Rat                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                                         | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clone Number                                    | D4                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                     | The antibody is a mouse monoclonal antibody raised against PTHrP. It has been selected for its ability to recognize PTHrP in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                             |
| Purity/Purification                             | Protein A + Protein G affinity chromatography                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                     | Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                        |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-PTHrP antibody | IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                          |
| Immunogen Type                                  | Prokaryotic Recombinant proteins/RP                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence of Immunogen                           | Ala37~His177                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                         | Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |



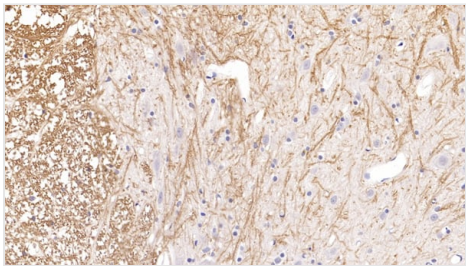
**WB (Western Blot)**

Western Blot; Sample: A549 cell lysate; Primary Ab: 2ug/ml Mouse AntiRat PTHrP Antibody  
Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



**IHC (Immunohistochemistry)**

DAB staining on IHCP; Sample: Rat Cerebrium Tissue; Primary Ab: 10ug/ml Mouse AntiRat PTHrP Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19



**IHC (Immunohistochemistry)**

DAB staining on IHCP;Sample: Rat Spinal cord Tissue; Primary Ab: 10ug/ml Mouse AntiRat PTHrP AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19

ADDITIONAL INFORMATION

|                                                   |                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------|
| Product Categories/Family for anti-PTHrP antibody | Tumor immunity; Endocrinology; Hormone metabolism; Bone metabolism; Primary |
|---------------------------------------------------|-----------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 6981438                                                                                                                                          |
| NCBI GeneID                      | 24695                                                                                                                                            |
| NCBI Accession #                 | NP_036768.1                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_012636.1                                                                                                                                      |
| UniProt Accession #              | P13085                                                                                                                                           |
| Molecular Weight                 | 20,204 Da                                                                                                                                        |
| NCBI Official Full Name          | parathyroid hormone-related protein preproprotein                                                                                                |
| NCBI Official Synonym Full Names | parathyroid hormone-like hormone                                                                                                                 |
| NCBI Official Symbol             | Pthlh                                                                                                                                            |
| NCBI Official Synonym Symbols    | PLP                                                                                                                                              |
| NCBI Protein Information         | parathyroid hormone-related protein; PTHrP; PTH-rP; parathyroid-like peptide; parathyroid hormone-like peptide; parathyroid hormone-like protein |
| UniProt Protein Name             | Parathyroid hormone-related protein                                                                                                              |

|                            |                           |
|----------------------------|---------------------------|
| UniProt Gene Name          | Pthlh                     |
| UniProt Synonym Gene Names | Pthrp; PTH-rP; PTHrP; PLP |
| UniProt Entry Name         | PTHR_RAT                  |

**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/parathyroid-hormone-related-protein-pthrp-antibody-clone-d4-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151632>