

# Anti-CLPP [R02-8C4] Monoclonal Antibody

AGMB00645

## Description

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This Anti-CLPP [R02-8C4] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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| <b>SKU:</b>           | AGMB00645                                                                                                                                                                                                     |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                                                                                                                           |
| <b>Synonyms:</b>      | Endopeptidase Clp, DFNB81, PRLTS3, CLPP, ATP dependent protease ClpAP (E coli) proteolytic subunit, ATP dependent protease ClpAP proteolytic subunit, ATP dependent protease ClpAP proteolytic subunit human, |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>IP</b>                                                                                                                                                                              |
| <b>Research Area:</b> | Signal Transduction                                                                                                                                                                                           |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                        |

## Antibody Data

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|----------------------|-----------------------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                             |
| <b>Clone:</b>        | R02-8C4                                       |
| <b>Clonality:</b>    | Monoclonal Antibody                           |
| <b>SwissProt ID:</b> | Q16740                                        |
| <b>Immunogen:</b>    | A synthesized peptide derived from human CLPP |

### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene ID:** 8192  
**Gene Name:** CLPP  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Purified  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 30 kDa, Observed MW: 26 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
 Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

| Antibody Dilution Ratio: | Application | Antibody Dilution Ratio |
|--------------------------|-------------|-------------------------|
|                          | WB          | 1:1000-1:2000           |
|                          | IHC         | 1:100-1:200             |
|                          | IP          | 1:50                    |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.