

# Anti-Raptor [R01-5J5] Monoclonal Antibody

## AGMB00545

### Description

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This Anti-Raptor [R01-5J5] 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>           | AGMB00545                                                |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)      |
| <b>Synonyms:</b>      | RPTOR, KOG1, KIAA1303, RAPTOR, Mip1                      |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b> <b>IP</b> |
| <b>Research Area:</b> | Cell Biology                                             |
| <b>Form:</b>          | Liquid                                                   |

### Antibody Data

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|                      |                                                 |
|----------------------|-------------------------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                               |
| <b>Clone:</b>        | R01-5J5                                         |
| <b>Clonality:</b>    | Monoclonal Antibody                             |
| <b>SwissProt ID:</b> | Q8N122                                          |
| <b>Immunogen:</b>    | A synthesized peptide derived from human Raptor |
| <b>Gene ID:</b>      | 57521                                           |
| <b>Gene Name:</b>    | RPTOR                                           |

#### Manufacturers Statement

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

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Host Species:</b>     | Rabbit                                       |
| <b>Isotype:</b>          | IgG                                          |
| <b>Purification:</b>     | Affinity Chromatography                      |
| <b>Conjugated:</b>       | Unconjugated                                 |
| <b>Modification:</b>     | Unmodified                                   |
| <b>Molecular Weight:</b> | Calculated MW: 149 kDa, Observed MW: 149 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.

| <b>Antibody Dilution Ratio:</b> | <b>Application</b> | <b>Antibody Dilution Ratio</b> |
|---------------------------------|--------------------|--------------------------------|
|                                 | WB                 | 1:1000-1:2000                  |
|                                 | IHC                | 1:100-1:200                    |
|                                 | IF                 | 1:50-1:200                     |
|                                 | IP                 | 1:30                           |
|                                 | FC                 | 1:50-1:100                     |

**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.