

# Anti-APE1 [R01-6G2] Monoclonal Antibody

AGMB01643

## Description

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This Anti-APE1 [R01-6G2] 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>           | AGMB01643  |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)  |
| <b>Synonyms:</b>      | APEX1, APE, APE1, APEX, APX, HAP1, REF1, DNA-(apurinic or apyrimidinic site) lyase, APEX nuclease, APEN, Apurinic-apyrimidinic endonuclease 1, AP endonuclease 1, APE-1, REF-1, Redox factor-1 |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>ICC/IF</b> <b>FC</b>   |
| <b>Research Area:</b> | Epigenetics  |
| <b>Form:</b>          | Liquid   |

## Antibody Data

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|----------------------|-----------------------------------|
| <b>Reactivity:</b>   | Human, Mouse, Rat                 |
| <b>Clone:</b>        | R01-6G2                           |
| <b>Clonality:</b>    | Monoclonal Antibody               |
| <b>SwissProt ID:</b> | P27695                            |
| <b>Immunogen:</b>    | Recombinant protein of human APE1 |
| <b>Gene ID:</b>      | 328                               |

### Manufacturers Statement

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

**Gene Name:** APEX1  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Purification:** Affinity Purified  
**Conjugated:** Unconjugated  
**Modification:** Unmodified  
**Molecular Weight:** Calculated MW: 36 kDa, Observed MW: 36 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 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

| <b>Antibody Dilution Ratio:</b> | <b>Application</b> | <b>Antibody Dilution Ratio</b> |
|---------------------------------|--------------------|--------------------------------|
|                                 | WB                 | 1:500-1:1000                   |
|                                 | IHC-P              | 1:200-1:2000                   |
|                                 | ICC/IF             | 1:100-1:200                    |
|                                 | FC                 | 1:200-1:500                    |

**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.