10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# ECP Recombinant Rabbit mAb

Catalog # AP98677

## Product Information

| | |
|---|---|
| **Application** | WB, IHC-P, IHC-F, IF, E |
| **Primary Accession** | P12724 |
| **Other Accession** | P12724 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Recombinant |
| **Calculated MW** | 18385 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the pancreatic ribonuclease family. |
| **Background Descriptions** | The protein encoded by this gene belongs to the pancreatic ribonuclease family, a subset of the ribonuclease A superfamily. The protein exhibits antimicrobial activity against pathogenic bacteria [provided by RefSeq, Oct 2014], |

## Additional Information

| | |
|---|---|
| **Gene ID** | 6037 |
| **Other Names** | ECP; RAF1; RNS3; Rnase3; mR3; EAR; Ear11; R1; R7; ECP_HUMAN; Ribonuclease 3 (RNase 3); 3.1.27.-; ECP3_MOUSE; Ear3; MR-3; ECP_RAT; Eosinophil secondary granule ribonuclease 11 (EAR-11); ribonuclease A family member 3; ribonuclease, RNase A family, 3; eosinophil cationic protein; Ribonuclease 3; RNase 3 |
| **Dilution** | IHC-P=1:50-200,IHC-F=1:50-200,WB=1:500-2000,IF=1:50-200,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

| | |
|---|---|
| **Name** | RNASE3 |
| **Synonyms** | ECP, RNS3 |
| **Function** | Cytotoxin and helminthotoxin with low-efficiency ribonuclease activity. Possesses a wide variety of biological activities. Exhibits antibacterial activity, |

| | |
|---|---|
| | including cytoplasmic membrane depolarization of preferentially Gram-negative, but also Gram-positive strains. Promotes E.coli outer membrane detachment, alteration of the overall cell shape and partial loss of cell content. |
| **Cellular Location** | Secreted. Note=Located in the matrix of eosinophil large specific granule, which are released following activation by an immune stimulus |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.