

ECP Recombinant Rabbit mAb

Catalog # AP98677

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P12724
Other Accession	P12724
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=1:5000-10 000
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'.