

Product Information

Recombinant Anti-Human crcp Antibody Fab Fragment

Cat. No.: **MOM-18545-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human CRCP, expressed in E. coli

Antigen Description

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheral component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts induce type I interferon and NF-Kappa-B through the RIG-I pathway.

Specific Activity

Tested positive against native antigen.

Target

CRCP

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[CRCP CGRP receptor component \[Homo sapiens \]](#)

Official Symbol

CRCP

Synonyms

CRCP; CGRP receptor component; DNA-directed RNA polymerase III subunit RPC9; calcitonin gene related peptide receptor component protein; CGRP RCP; RCP; RCP9; RNA polymerase III subunit C9; CGRP-receptor component protein; calcitonin gene-related peptide-receptor component protein; CGRPRCP; CGRP-RCP; MGC111194;

Gene ID

[27297](#)

mRNA Refseq

[NM_001040647](#)

Protein Refseq

[NP_001035737](#)

MIM

[606121](#)

UniProt ID

O75575

Chromosome Location

7q11.1

Pathway

Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

Function

DNA-directed RNA polymerase activity; calcitonin gene-related polypeptide receptor activity; calcitonin receptor activity; catalytic activity; nucleotide binding;