

Product Information

Recombinant Anti-Human rp2 Antibody scFv Fragment

Cat. No.: **MOM-18452-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment is directed against Human RP2, expressed in E. coli

Antigen Description

RP2 (Retinitis pigmentosa 2) has been implicated as one cause of X-linked retinitis pigmentosa. It shows homology with human cofactor C, a protein involved in the ultimate step of beta-tubulin folding.

Specific Activity

Tested positive against native antigen.

Target

RP2

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

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

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

At -20°C for one year.

ANTIGEN GENE INFORMATION

Gene Name

[RP2 retinitis pigmentosa 2 \(X-linked recessive\) \[Homo sapiens \]](#)

Official Symbol

RP2

Synonyms

RP2; retinitis pigmentosa 2 (X-linked recessive); protein XRP2; NM23 H10; NME10; TBCCD2; XRP2; NM23-H10; DELXp11.3; KIAA0215

Gene ID

[6102](#)

mRNA Refseq

[NM_006915](#)

Protein Refseq

[NP_008846](#)

MIM

[300757](#)

UniProt ID

O75695

Chromosome Location

Xp11.3

Function

ATP binding; GTP binding; GTPase activator activity; nucleoside diphosphate kinase activity; nucleotide binding; protein binding; unfolded protein binding;