

R1540CP**MAD2L1 Control Peptide****Alternate names:**

MAD2, Mitotic spindle assembly checkpoint protein MAD2A

Quantity:

50 µg

Concentration:

1.0 mg/ml (by weight)

Background:

Mad2L1 is required for the execution of the mitotic checkpoint which monitors the process of kinetochore spindle attachment and delays the onset of anaphase when this process is not complete. It inhibits the activity of the anaphase promoting complex by sequestering CDC20 until all chromosomes are aligned at the metaphase plate.

Uniprot ID:[Q13257](#)**NCBI:**[NP_002349.1](#)**GeneID:**[4085](#)**Format:****State:** Liquid (sterile filtered)**Purification:** Greater than 95% specific peptide**Buffer System:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide**Applications:**

Control peptide should be used at 1.0 µg per 1.0 µl of antiserum in per assay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

MAD2L1 Control Peptide

Storage:

Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: 6 month from despatch.