Human MAD1L1 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4194

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MAD1L1 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human MAD1L1 Met1-Asp350 Accession # Q9Y6D9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

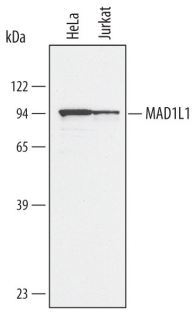
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA

Western Blot



Detection of Human MAD1L1 by Western Blot. Western blot shows lysates of HeLa human cervical epithelial carcinoma cell line and Jurkat human acute T cell leukemia cell line. PVDF membrane was probed with 1 µg/mL of Human MAD1L1 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4194) followed by HRP-conjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF017). A specific band was detected for MAD1L1 at approximately 90 kDa (as indicated). This experiment was conducted using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

MAD1L1 (mitotic arrest deficient 1-like 1) is a member of the spindle-assembly checkpoint (SAC) which prevents anaphase from occurring until all chromosomes are properly aligned at the metaphase plate. Upon checkpoint activation, MAD1L1 recruits MAD2 to unattached kinetochores, promoting the binding of MAD2 to CDC20, the activator for the anaphase-promoting complex. MAD1L1 has been implicated to have tumor-suppressing functions, but in small-cell lung cancer cell lines, the MAD1L1 gene is the most frequent copy number gain, suggesting a more complex role.

bio-techne
bio-techne.com
Global info@bio-techne.com techsupport@bio-techne.com
North America TEL 800 343 7475 Europe | Middle East | Africa TEL +44 (0)1235 529449
China info.cn@bio-techne.com TEL +86 (21) 52380373
Rest of World bio-techne.com/find-us/distributors TEL +1 612 379 2956