Human MAD1L1 Alexa Fluor® 350-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4194U
100 µg

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
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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.

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