Datasheet for ABIN1944831

anti-MAD2L1 antibody

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Overview

Quantity:	100 µg
Target:	MAD2L1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAD2L1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Isotype:	IgG1

Target Details

Target:	MAD2L1
Alternative Name:	MAD2L1 (MAD2L1 Products)
Background:	Component of the spindle-assembly checkpoint that prevents the onset of anaphase until all chromosomes are properly aligned at the metaphase plate. Required for the execution of the mitotic checkpoint which monitors the process of kinetochore- spindle attachment and inhibits the activity of the anaphase promoting complex by sequestering CDC20 until all chromosomes are aligned at the metaphase plate.
Molecular Weight:	23510 Da
Gene ID:	4085

Target Details

UniProt:	Q13257

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

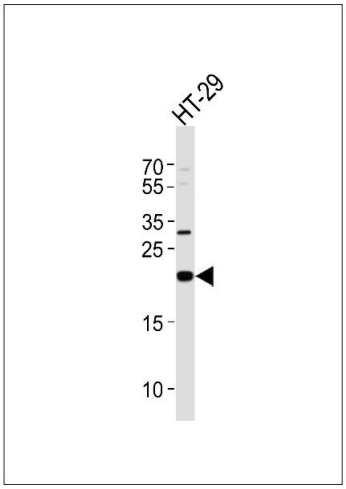
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C,-20 °C

Publications

Product cited in:	Li, Wang, Xue, Pritchard, Wang: "Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (Ulmus pumila L.) seeds." in: **Plant physiology and biochemistry : PPB**, Vol. 114, pp. 72-87, (2017) (PubMed). Hillier, Fulton, Fulton, Graves, Pepin, Wagner-McPherson, Layman, Maas, Jaeger, Walker, Wylie, Sekhon, Becker, OLaughlin, Schaller, Fewell, Delehaunty, Miner, Nash, Cordes, Du, Sun, Edwards et al.: "The DNA sequence of human chromosome 7. ..." in: **Nature**, Vol. 424, Issue 6945, pp. 157-64, (2003) (PubMed). Evans, Scarpulla: "The human somatic cytochrome c gene: two classes of processed pseudogenes demarcate a period of rapid molecular evolution." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 85, Issue 24, pp. 9625-9, (1989) (PubMed).

Publications

Images



Western Blotting

Image 1. Western blot analysis of lysate from HT-29 cell line,using D2L1 Antibody (ABIN1452186 and ABIN1452188). ABIN1452186 and ABIN1452188 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35 µg.