

TW0001

Ki67 Antibody



- 50ul
- 100 uL

Order	021-34695924 orders@ab-mart.com
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Web	www.ab-mart.com.cn

Description:

Required to maintain individual mitotic chromosomes dispersed in the cytoplasm following nuclear envelope disassembly. Associates with the surface of the mitotic chromosome, the perichromosomal layer, and covers a substantial fraction of the chromosome surface. Prevents chromosomes from collapsing into a single chromatin mass by forming a steric and electrostatic charge barrier: the protein has a high net electrical charge and acts as a surfactant, dispersing chromosomes and enabling independent chromosome motility. Binds DNA, with a preference for supercoiled DNA and AT-rich DNA. Does not contribute to the internal structure of mitotic chromosomes (By similarity). May play a role in chromatin organization. It is however unclear whether it plays a direct role in chromatin organization or whether it is an indirect consequence of its function in maintaining mitotic chromosomes dispersed (Probable).

Uniprot : P46013

Alternative Names:

Antigen identified by monoclonal antibody Ki 67; Antigen identified by monoclonal antibody Ki-67; Antigen KI-67; Antigen KI67; Antigen Ki67; KI67_HUMAN; KIA; Marker of proliferation Ki-67; MIB 1; MIB; MKI67; PPP1R105; Proliferation marker protein Ki-67; Proliferation related Ki 67 antigen; Protein phosphatase 1 regulatory subunit 105; RP11-380J17.2;

Specificity:

Ki67 Antibody detects endogenous levels of total Ki67.

Reactivity : Human, Mouse, Rat

Source : Rabbit

Mol.Wt. : 358kD; 359kDa(Calculated).

Storage Condition:

Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB,IHC,IF/ICC, FCM

Recommended dilution

WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500 FCM 1:50-1:200

