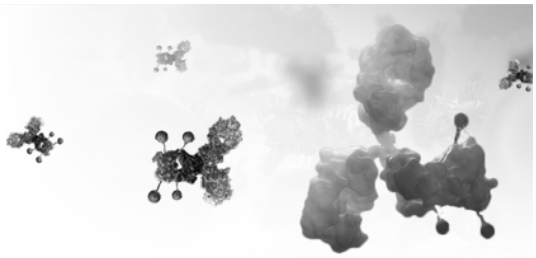

Mouse Anti-Human Ki-67 monoclonal antibody, clone JID178 (CABT-L2813)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Ki-67
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID178
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Tonsil
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

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Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Ki-67 is a nuclear, non-histone protein that is expressed only during active phases of the cell cycle (G1, S, G2 and M), but not in the resting phases (G0 and G1 early phase). Although the antigen has also been associated with ribosomal RNA transcription, it is strongly linked to cell proliferation and has thus been indicated as an effective marker in grading the proliferation rate of tumors, including those of the brain, breast, cervix, and prostate.
Keywords	MKI67;marker of proliferation Ki-67;KIA;MIB-1;antigen KI-67;proliferation-related Ki-67 antigen;antigen identified by monoclonal antibody Ki-67;

GENE INFORMATION

Gene Name	MKI67 marker of proliferation Ki-67 [Homo sapiens (human)]
Official Symbol	MKI67
Synonyms	MKI67; marker of proliferation Ki-67; KIA; MIB-; MIB-1; PPP1R105; antigen KI-67; proliferation-related Ki-67 antigen; protein phosphatase 1, regulatory subunit 105; antigen identified by monoclonal antibody Ki-67;
Entrez Gene ID	4288
Protein Refseq	NP_001139438
UniProt ID	P46013
Chromosome Location	10q26.2
Function	ATP binding; poly(A) RNA binding; protein C-terminus binding; protein binding;

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