

Ki-67 (AB1230) mouse mAb

W0359

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 359 kDa (calculated)
- 359 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1230
Immunogen	A synthetic peptide corresponding to the amino acid region 1200 - 1400 of the human Ki - 67 protein.
Specificity	The antibody can specifically recognize human Ki-67 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	MKI67		
Protein Name	Ki-67		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P46013	4288

Background	Ki-67 is a proliferating cell related nuclear protein, which is closely related to mitosis. It can recognize cells in G1, S, G2 and M phases except G0 phase. It is mainly used to judge the cell proliferation index. Ki-67 proliferation index is closely related to the degree of differentiation, invasion, metastasis and prognosis of many tumors. Therefore, it is also one of the important reference indexes for the prognosis of some malignant tumors. It is widely used as a marker of various malignant tumors and in tumor research.
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