

Mouse anti-Ki67 Antigen, clone K2 (monoclonal)

Clone no. K2

MONXtra

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Product name	Mouse anti-Ki67 Antigen, clone K2 (monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Recombinant Ki-67 protein fragment close to C-terminus
Isotype	IgG1
Clonality	Monoclonal
Clone number	K2
Size	1ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

The Ki67 antigen is a nuclear protein which is expressed in all active parts of the cell cycle (G1, S, G2 and mitosis) but is absent in resting cells (G0). In contrast to many other cell cycle-associated proteins, the Ki67 antigen is consistently absent in quiescent cells and is not detectable during DNA repair processes. Thus, the presence of Ki67 antigen is strictly associated with the cell cycle and confined to the nucleus, suggesting an important role in the maintenance and/or regulation of the cell division cycle.

**References**

1. Gerdes J, et al. Int J Cancer 31:13-20 (1982)
2. Franklin WA, et al. Hum Pathol 16:1129-32 (1985)
3. Gerdes J, et al. J Immunol 133:1710-5 (1984)
4. -
5. -

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