

Mouse anti-Ki67 Antigen, clone MM1 (monoclonal)

Clone no. MM1

MONXtra

Product name	Mouse anti-Ki67 Antigen, clone MM1 (monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant fusion protein corresponding to a 1086 bp Ki67 motif-containing cDNA fragment.
Isotype	IgG1
Clonality	Monoclonal
Clone number	MM1
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tissue culture supernatant with 15mM 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. Gerdes J, et al. J Immunol 133:1710-5 (1984)
3. Franklin WA, et al. Hum Pathol 16:1129-32 (1985)
4. -
5. -

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