

Mouse anti-Geminin, clone EM6 (monoclonal)

Clone no. EM6

MONXtra

Product name	Mouse anti-Geminin, clone EM6 (monoclonal)
Host	Mouse
Applications	IHC-P (1:40)
Species reactivity	human
Conjugate	-
Immunogen	A prokaryotic recombinant protein containing amino acids 5–209 of the mature protein.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	EM6
Size	1 ml
Concentration	Greater than or equal to 19 mg/L
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

Geminin is a protein of 209 amino acids thought to be involved in the control of DNA replication via the interaction with Cdt1. Geminin is not found in the G1 phase of the cell cycle, but is first expressed in the G1 to S transition phase, with expression levels rising through the rest of the cell cycle and levels reaching a maximum during mitosis. It has been proposed that geminin may be a tumor suppressor protein. Geminin is reported to be expressed in proliferating lymphocytes and epithelial cells, for example, germinal centers in tonsil as well as in colon, spermatocytes, seminiferous tubules of the testes, within the basal layers of the squamous epithelium of the skin and breast. Geminin is reported to be upregulated in cancers such as non-Hodgkin's lymphoma, B cell lymphoma, breast carcinoma and colon carcinoma.

References

1. McGarry TJ and Kirschner MW. Cell. 1998; 93:1043–1053
2. -
3. -
4. -
5. -

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