

Mouse anti-p57 Protein (Kip2), clone 25B2 (monoclonal)

Clone no. 25B2

MONXtra

Product name	Mouse anti-p57 Protein (Kip2), clone 25B2 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant antigen corresponding to a 116 amino acid region of the N-terminus of the p57 protein.
Isotype	IgG1
Clonality	Monoclonal
Clone number	25B2
Size	1ml
Concentration	Greater than or equal to 19 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 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

Cyclin-dependent kinases are positive regulators of cell proliferation. p57 protein acts as a tumor suppressor to counter this. It is closely related to other CDKIs such as p21 protein (CIP1) and p27 protein (Kip1) as they share a common structural N-terminal domain for binding to CDK/cyclin complexes and inhibiting their kinase activity. Human p57 protein is found on chromosome 11p15.5, a region which is reported to be a common site for loss of heterozygosity in certain sarcomas, Wilms' tumors and tumors associated with the Beckwith-Wiedemann syndrome. There is increasing interest in p57 as a marker in gestational disease. Gestational trophoblastic disease refers to a spectrum of proliferative disorders of the placental trophoblast, with a wide range of histologic appearances and clinical behaviors.

References

1. Kanthan R et al. World Journal of Surgical Oncology 2010; 8:10
2. Sharifi N et al. Journal of the Turkish-German Gynecological Association 2009;1
3. Maggiori MS and Peres LC. European Journal of Obstetrics and Gynecology ar
4. -
5. -

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