Product datasheet MON-RTU1166

Mouse anti-p27, clone SX53G8

Clone no. SX53G8

MONOSAN Ready To Use

Product name	Mouse anti-p27, clone SX53G8
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	SX53G8
Size	7 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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

p27, also known as cyclin-dependent kinase inhibitor 1B (CDNK1B), is a kinase inhibitor that controls cell cycle progression.1-4 p27 is involved in G1 phase arrest and obstructs cell entry into the S phase by binding to and inhibiting cyclin E-CDK2, effectively slowing or stopping the cell division cycle.1-4 p27 is broadly expressed in normal tissue but can be dysfunctional in neoplastic tissue and, therefore, not expressed.

References

1. Polyak K, et al. Cell. 1994; 78:59-66
2. Sun C, et al. AM J Cancer Res. 2016; 6:2207-20
3. Sangfelt O, et al. Oncogene. 1999; 18:2798-810
4. Hsieh FF, et al. Blood. 2000; 96:2746-54
5. Migita, Toshiro et al. Cancer 2002; 94; 973-9

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