

Mouse Monoclonal Antibody to Ki67

Catalogue Number	sAP-0253
Target Molecule	Name: Ki67 Aliases: KIA; Ki-67; MKI67 MW: N/A Entrez Gene ID: 4288
Description	Ki67: antigen identified by monoclonal antibody Ki-67. Ki67 antigen is the prototypic cell cycle related nuclear protein, expressed by proliferating cells in all phases of the active cell cycle (G1, S, G2 and M phase). It is absent in resting (G0) cells. Ki67 antibodies are useful in establishing the cell growing fraction in neoplasms (immunohistochemically quantified by determining the number of Ki67 positive cells among the total number of resting cells = Ki67 index). In neoplastic tissues the prognostic value is comparable to the tritiated thymidine labelling index. The correlation between low Ki67 index and histologically low grade tumours is strong. Ki67 is routinely used as a neuronal marker of cell cycling and proliferation.
Immunogen	Purified recombinant fragment of Ki167 (aa3118-3256) expressed in E. Coli.
Recitative Species	Human
Clone	MM9C12B2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Folia Histochem Cytobiol. 2007;45(4):357-66. ; 2. Tumori. 2008 May-Jun;94(3):389-97.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**