

Product datasheet for **AM06395SU-N**

Ki67 (MKI67) Mouse Monoclonal Antibody [Clone ID: 9C12B2]

Product data:

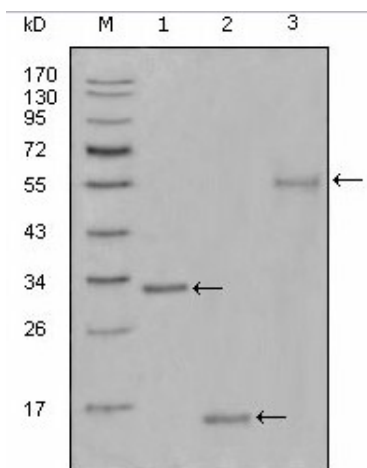
Product Type:	Primary Antibodies
Clone Name:	9C12B2
Applications:	ELISA, WB
Recommended Dilution:	Western Blot: 1/500 - 1/2000. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Ki167 (aa3118-3256) expressed in E. Coli.
Specificity:	This antibody reacts to Ki67.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	marker of proliferation Ki-67
Database Link:	Entrez Gene 4288 Human P46013
Background:	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.



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Synonyms: Ki67 antigen, MKI67, Proliferation marker

Product images:



Western blot analysis using Ki67 mouse mAb against truncated Trx-Ki67 recombinant protein (1), truncated Ki67 (aa3118-3256)-His recombinant protein (2) and truncated Ki67 (aa3118-3256)-hIgGFc transfected CHO-K1 cell lysate (3).