



Ki67 Mouse Monoclonal Antibody

E10-20305

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.

Catalog Number: E10-20305

Amount: 100µg/100µl

Clone Number: 9C12B2

Species: Mouse IgG1

Aliases: KIA; Ki-67; MKI67

Entrez Gene: 4288

Immunogen: Purified recombinant fragment of Ki167 (aa3118-3256) expressed in E. Coli.

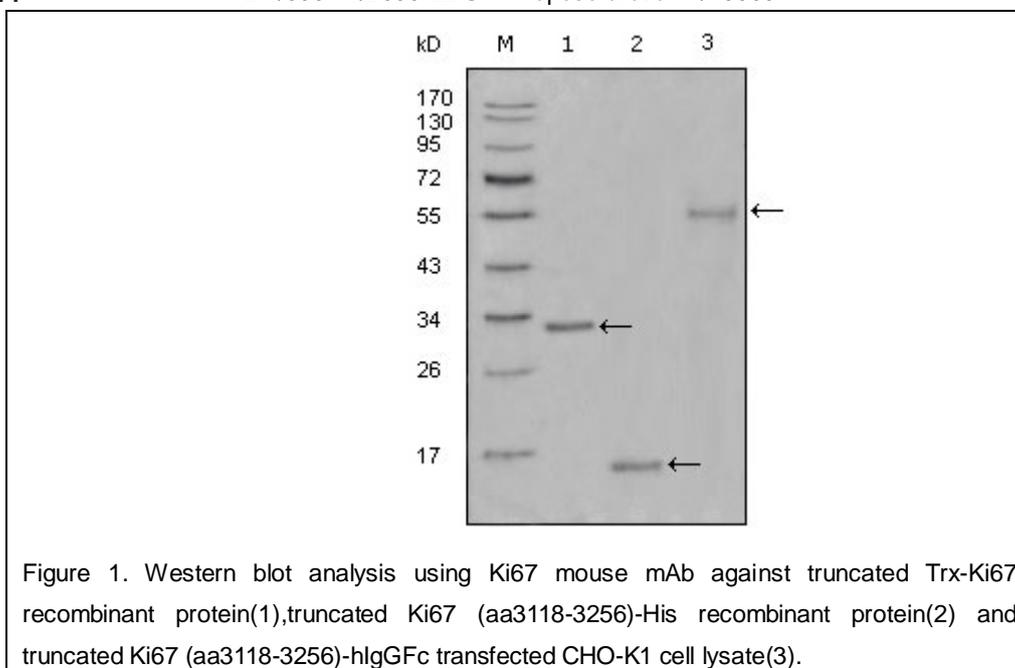
Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000.ELISA. Propose dilution 1/10000.



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