



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to Ki67

Catalog Number: MAB-606020305

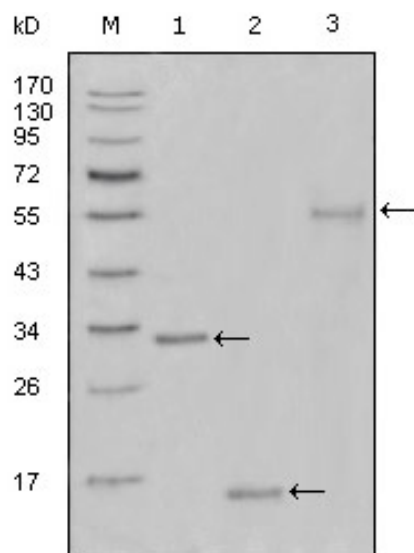


Figure 1: Western blot analysis using Ki67 mouse mAb against truncated Trx-Ki67 recombinant protein(1), truncated Ki67 (aa3118-3256)-His recombinant protein(2) and truncated Ki67 (aa3118-3256)-hIgGFc transfected CHO-K1 cell lysate(3).

Lot#:
Clone#: 9C12B2
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: KIA; Ki-67; MKI67
Entrez Gene: 4288
Species reactivity: Human

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.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product

References 1. Folia Histochem Cytobiol. 2007;45(4):357-66.
2. Tumori. 2008 May-Jun;94(3):389-97.

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