
Product Name: Ki67 Mouse Monoclonal Antibody**Catalog #: AMM80709**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	358kDa

Antigen Information

Gene Name	Ki67
Alternative Names	KiA; Ki-67; MKI67
Gene ID	4288.0
SwissProt ID	P46013
Immunogen	Purified recombinant fragment of Ki167 (aa3118-3256) expressed in E. Coli.

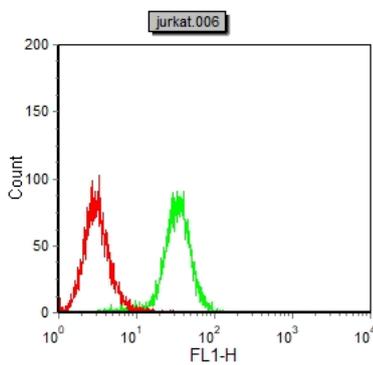
Background

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.

Research Area

Image Data



Flow cytometric analysis of Jurkat cells using Ki67 mouse mAb (green) and negative control (red).