

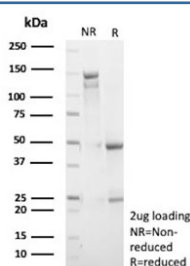
Recombinant MKI67 Antibody / Ki-67 [clone rMKI67/9616] (V5553)

Catalog No.	Formulation	Size
V5553-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5553-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5553SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rMKI67/9616
Purity	Protein A/G affinity
UniProt	P46013
Localization	Nucleus
Applications	ELISA :
Limitations	This recombinant MKI67 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free recombinant MKI67 antibody (clone rMKI67/9616) as confirmation of integrity and purity.

Description

Proliferation marker protein Ki-67 antigen is a nuclear, non-histone protein that is present in all stages of the cell cycle except G0. This characteristic makes Ki-67 an excellent marker for proliferating cells and is commonly used as one of the prognostic factors in cancer studies. A correlation has been demonstrated between Ki-67 index and the histo-pathological grade of neoplasms. Assessment of Ki-67 expression in renal and ureter tumors shows a correlation between tumor

proliferation and disease progression, thus making it possible to differentiate high-risk patients. Ki-67 expression may also prove to be important for distinguishing between malignant and benign peripheral nerve sheath tumors. Ki-67 labeling index has been shown to be a prognostic marker in a number of neoplasms including grade II astrocytoma, oligodendroglioma, colon carcinoma, and breast carcinoma. In general, Ki-67 is a good marker of proliferating cell populations.

Application Notes

Optimal dilution of the recombinant MKI67 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 2200-2500) of human MKI67 protein was used as the immunogen for the recombinant MKI67 antibody.

Storage

Aliquot the recombinant MKI67 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.