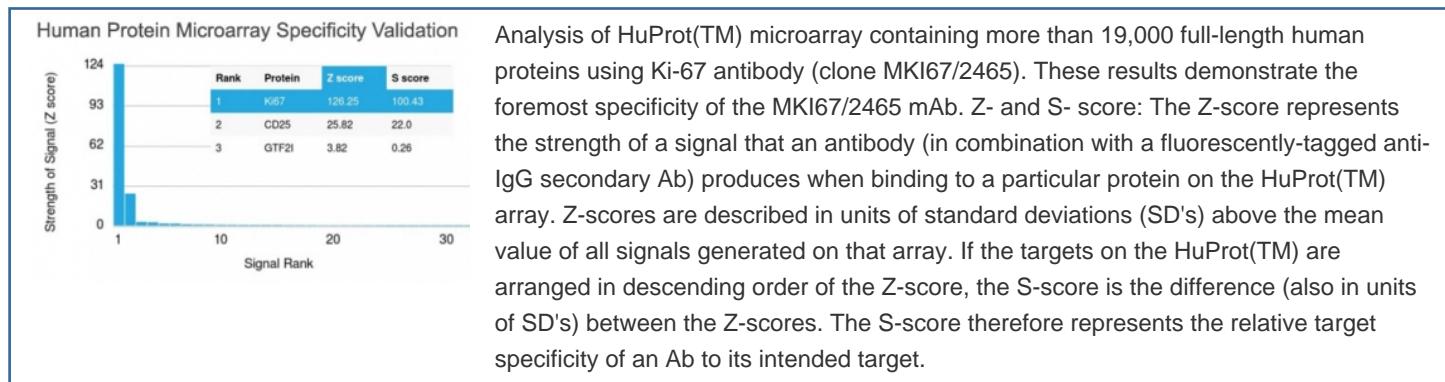


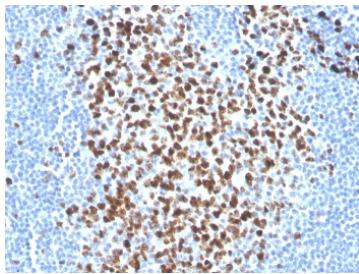
Ki-67 Antibody [clone MKI67/2465] (V3866BTN)

Catalog No.	Formulation	Size
V3866BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

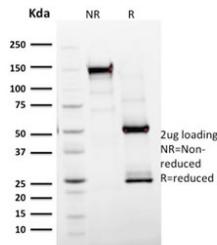
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	MKI67/2465
Purity	Protein G affinity chromatography
UniProt	P46013
Localization	Nuclear
Applications	Flow Cytometry : 5ul per test per million cells Immunofluorescence : 2-4ug/ml at RT Immunohistochemistry (FFPE) : 2-4ug/ml at RT
Limitations	This Ki-67 antibody is available for research use only.





IHC testing of FFPE human tonsil stained with biotinylated Ki-67 antibody (MKI67/2465).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Ki-67 antibody (clone MKI67/2465) as confirmation of integrity and purity.

Description

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, oligodendrogloma, colon carcinoma, and breast carcinoma. In general, Ki-67 is a good marker of proliferating cell populations.

Application Notes

Optimal dilution of the Ki-67 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 2293-2478 from the human protein was used as the immunogen for the Ki-67 antibody.

Storage

Store the Ki-67 antibody at 2-8°C (up to one month) or aliquot and store at -20°C (longer term).