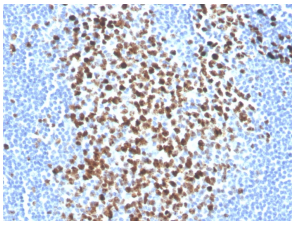
Anti-Ki67 Antibody [MKI67/2465] (Biotin) (A251138)

Specifications:

Name:	Anti-Ki67 Antibody [MKI67/2465] (Biotin)
Description:	Mouse monoclonal [MKI67/2465] antibody to Ki67 (Biotin).
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 5-10 µl / million cells, IF: 2-4 µg/ml, IHC-P: 2-4 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 2293-2478, of human Ki67 protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	MKI67/2465
Isotype:	IgG2b
Light Chains:	kappa
Conjugate:	Biotin
Purification:	Protein A/G chromatography.
Concentration:	100 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-Ki67 Antibody [MKI67/2465] (Biotin).

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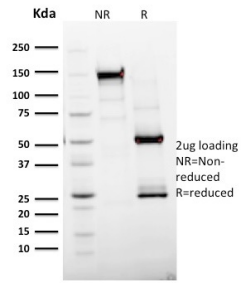
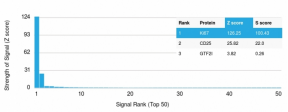
Images continued:



SDS-PAGE analysis of Anti-Ki67 Antibody [MKI67/2465] (Biotin) under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-Ki67 Antibody [MKI67/2465] (Biotin). Z-Score and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target; a MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.