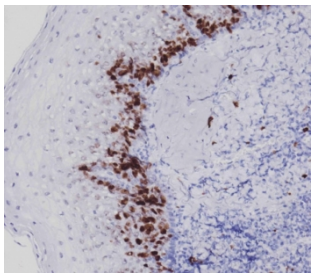
Ki67 antibody [clone 2179CT8.1.2.1] (F54499)

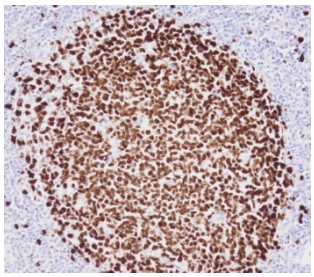
Catalog No.	Formulation	Size
F54499-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54499-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

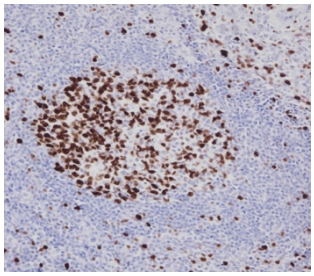
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	IgG1
Clone Name	2179CT8.1.2.1
Purity	Protein G affinity
UniProt	P46013
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1:25
Limitations	This Ki67 antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with Ki67 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human tonsil tissue with Ki67 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human tonsil tissue with Ki67 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.

Description

Required to maintain individual mitotic chromosomes dispersed in the cytoplasm following nuclear envelope disassembly. Associates with the surface of the mitotic chromosome, the perichromosomal layer, and covers a substantial fraction of the chromosome surface. Prevents chromosomes from collapsing into a single chromatin mass by forming a steric and electrostatic charge barrier: the protein has a high net electrical charge and acts as a surfactant, dispersing chromosomes and enabling independent chromosome motility.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Ki67 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the Ki67 antibody.

Storage

Aliquot the Ki67 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com