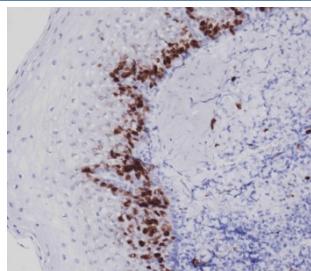


## Ki67 antibody [clone 2179CT8.1.2.1] (F54499)

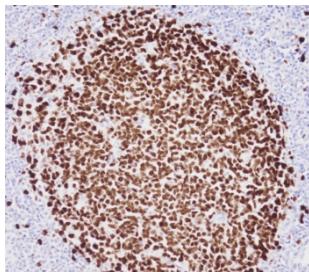
Catalog No.	Formulation	Size
F54499-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54499-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

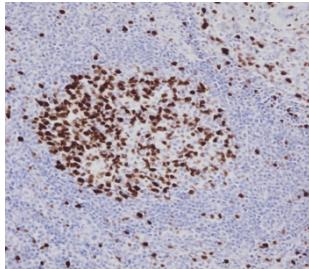
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	IgG1
<b>Clone Name</b>	2179CT8.1.2.1
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P46013
<b>Localization</b>	Nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	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.



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## 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.