Anti-MKI67 antibody [ABT104R] (STJA0006295)

STJA0006295

GENERAL INFORMATION

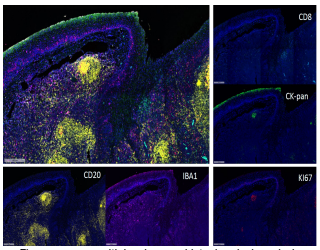
Product Type	Primary antibodies
Short Description	Rabbit monoclonal antibody anti-Proliferation marker protein Ki-67 is suitable for use in Immunohistochemistry and Immunofluorescence research applications.
Applications	IHC/IF
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	ABT104R
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from cell supernatant by affinity-chromatography using specific immunogen.
Dilution Range	IHC-p 1:200-400 IF 1:200-400
Formulation	Liquid in PBS pH7.4 containing 50% Glycerol and 0.03% Proclin 300.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	4288
Gene Symbol	MKI67
Uniprot ID	KI67_HUMAN
Immunogen	Synthesized peptide derived from human Ki-67
Immunogen Region	
Specificity	The antibody can specifically recognize human Ki-67 protein.
Immunogen Sequence	



Fluorescence multiplex immunohistochemical analysis of Human tonsil tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Pentuple-Fluorescence kit. CK-pan mouse monoclonal antibody (STJ197095 green), KI-67 rabbit monoclonal antibody (STJA0006295) red, Iba 1 mouse monoclonal antibody (purple), CD8 a mouse monoclonal antibody (cyan), CD20 mouse monoclonal antibody (yellow), The section was incubated in 5 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).

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