

Ki-67 (Proliferation Marker) Antibody Cy7 Conjugated

Catalog No: #C03964Cy7

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Description

Product Name	Ki-67 (Proliferation Marker) Antibody Cy7 Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1250-1300 3256 derived from human Ki67
Conjugates	Cy7
Target Name	Ki-67 proliferation Marker
Other Names	KiA; MIB-; MIB-1; PPP1R15; Antigen Ki-67; MKi67
Accession No.	Swiss-Prot#:P46013NCBI Gene ID:4288
Cell Localization	Nucleus
Concentration	1mg ml
Formulation	Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

IF:1:50-200

Background

Proliferation Marker Ki67 antigen is the prototypic cell cycle related nuclear protein, expressed by proliferating cells in all phases of the active cell cycle (G1, S, G2 and M phase). It is absent in resting (G0) cells. Ki67 are useful in establishing the cell growing fraction in neoplasms (immunohistochemically quantified by determining the number of Ki67 positive cells among the total number of resting cells = Ki67 index). In neoplastic tissues the prognostic value is comparable to the tritiated thymidine labelling index. The correlation between low Ki67 index and histologically low grade tumours is strong. Ki67 is routinely used as a neuronal marker of cell cycling and proliferation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.