

For Research Use Only

Ki-67 Polyclonal antibody

Catalog Number: 19972-1-AP

46 Publications



Basic Information

Catalog Number:

19972-1-AP

Size:

150ul, Concentration: 147 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002417

GeneID (NCBI):

4288

UNIPROT ID:

P46013

Full Name:

antigen identified by monoclonal antibody Ki-67

Calculated MW:

359 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:200-1:800

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

IHC : human breast cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

MKI67 gene encodes a nuclear protein, antigen Ki-67, which was identified by monoclonal antibody Ki-67. Expression of this antigen occurs preferentially during late G1, S, G2 and M phases of the cell cycle, while in cells in G0 phase the antigen cannot be detected (PMID: 8227122). The antigen Ki-67 is a human nuclear protein the expression of which is strictly associated with cell proliferation and which is widely used in routine pathology as a "proliferation marker" to measure the growth fraction of cells in human tumors (PMID: 8227122).

Notable Publications

Author	Pubmed ID	Journal	Application
Musin Kelel	32888953	J Invest Dermatol	IHC
Kai Tie	26499267	FASEB J	IHC
Yuan Zhang	26487539	Sci Rep	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

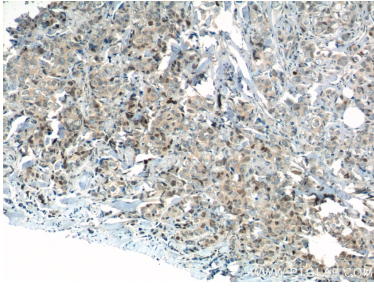
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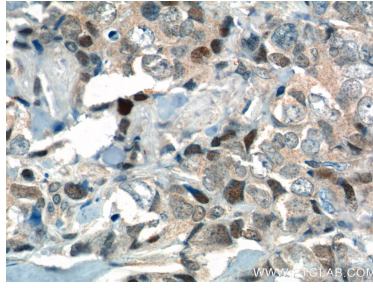
E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19972-1-AP (Ki67 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 19972-1-AP (Ki67 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).