For Research Use Only

CoraLite® Plus 647-conjugated Ki-67 Recombinant antibody

Catalog Number:CL647-84192-4

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL647-84192-4

Concentration:
1000 ug/ml

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:
Protein A purification

CloneNo.:
241499E7

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

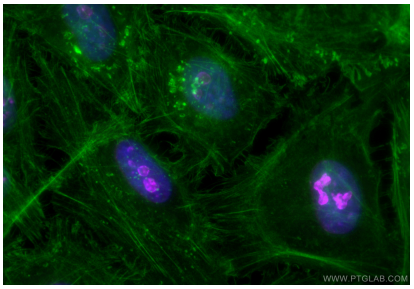
The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. Ki67 is present during all active phases of the cell cycle (G1, S, G2 and M), but is absent in resting cells (G0). Cellular content of Ki-67 protein markedly increases during cell progression through S phase of the cell cycle. Therefore, the nuclear expression of Ki67 can be evaluated to assess tumor proliferation by immunohistochemistry. It has been demonstrated to be of prognostic value in breast cancer. In head and neck cancer, several studies have reported an association between high proliferative activity and poorer prognosis.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 647 Ki-67 antibody (CL647-84192-4, Clone: 241499E7) at dilution of 1:200, CL488-phalloidin (green).