

Anti- Ki67 Rabbit pAb

GB111499 -20°C

Product Information

| | |
|----------------------|--------------------------------------------------------------|
| Protein full name | Proliferation marker protein Ki-67 |
| Synonyms | MKI67, marker of proliferation Ki-67, KIA, MIB-1, PPP1R105 |
| Immunogen | KLH conjugated Synthetic peptide corresponding to Human Ki67 |
| Uniprot ID | P46013 |
| Isotype | IgG |
| Purity | Affinity purification |
| Subcellular location | Nucleus |

Applications

| | | | |
|--------|-------------------|----------------|-------------------------------------------|
| IHC/IF | Human, Mouse, Rat | 1: 400-1: 1000 | colon cancer, esophagus, esophagus cancer |
|--------|-------------------|----------------|-------------------------------------------|

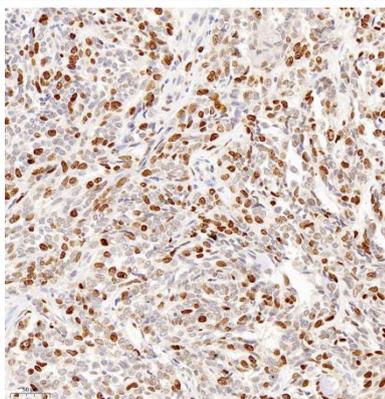
Storage

| | |
|----------------|-----------------------------------------------------------------|
| Storage | Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Storage Buffer | PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol. |

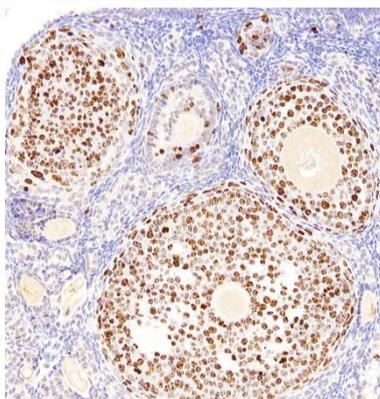
Background

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 .

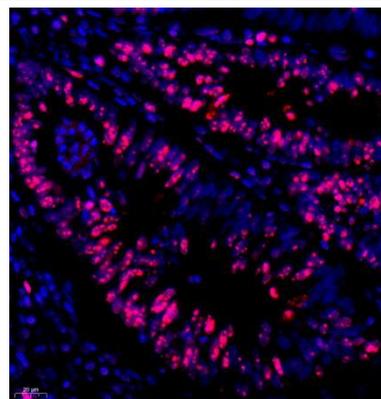
Images



Immunohistochemistry analysis of paraffin embedded human colon cancer using Ki67 (GB111499) at dilution of 1: 500



Immunohistochemistry analysis of paraffin embedded mouse ovary using ki67 (GB111499) at dilution of 1: 500



Immunofluorescence analysis of paraffin embedded human intestinal cancer using ki67 (GB111499) at dilution of 1: 800

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