

Product Name: KD-Validated MKI67 Mouse Monoclonal Antibody**Catalog #: KVA01912**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 358.7kDa

Antigen Information

Gene Name	MKI67
Alternative Names	MKI67; Marker Of Proliferation Ki-67; Antigen Identified By Monoclonal Antibody Ki-67; PPP1R105; MIB-1; Protein Phosphatase 1, Regulatory Subunit 105; Molecular Immunology Borstel Antibody 1; Proliferation Marker Protein Ki-67; Antigen Ki67; Ki-67; Proliferation-Related Ki-67 Antigen; Antigen KI-67; MIB-; KIA
Gene ID	4288.0
SwissProt ID	P46013
Immunogen	Recombinant protein of human MKI67

Background

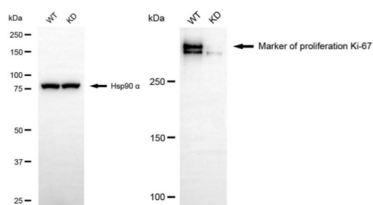
Enables RNA binding activity and molecular condensate scaffold activity. Involved in chromosome segregation and regulation

of mitotic nuclear division. Located in chromosome; nucleolus; and nucleoplasm. Is active in condensed chromosome. Implicated in several diseases, including Crohn's disease; colorectal cancer; endocrine gland cancer (multiple); graft-versus-host disease; and human immunodeficiency virus infectious disease. Biomarker of several diseases, including Barrett's esophagus; autoimmune disease of musculoskeletal system (multiple); endocrine gland cancer (multiple); gastrointestinal system cancer (multiple); and lung cancer (multiple). [provided by Alliance of Genome Resources, Jul 2025]

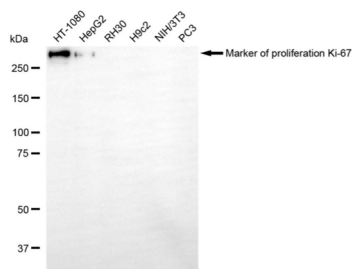
Research Area

Cell Biology, Neuroscience

Image Data



Western blotting analysis using marker of proliferation Ki-67 antibody (KVA01912). Marker of proliferation Ki-67 expression in wild-type (WT) and marker of proliferation Ki-67 (MKI67) knockdown (KD) HSHC cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with marker of proliferation Ki-67 antibody (KVA01912, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using marker of proliferation Ki-67 antibody (KVA01912). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with marker of proliferation Ki-67 antibody (KVA01912, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.