

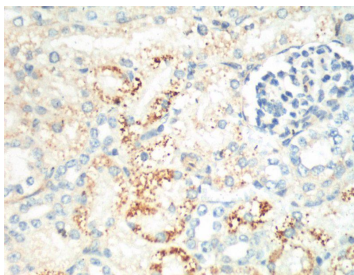
**Ki67****Mouse monoclonal Antibody**

#55217

Catalog Number: 55217**Amount:** 100µg/100µl**Swiss-Prot No. :** P46013**GENE ID:** 4288**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of Ki67 and does not cross-react with related proteins**Alternative Names:** antigen identified by monoclonal antibody Ki-67; Antigen KI-67; KI67; KIA; MKI67**Reactivity:** Human, Mouse, Rat**Applications:**

Predicted MW:

IHC: 1:100-200



IHC staining of Mouse Kidney tissue with Ki 67 mouse mAb

Background: Ki-67 is a nuclear protein that is associated with and may be necessary for cellular proliferation. Furthermore it is associated with ribosomal RNA transcription. Inactivation of antigen KI-67 leads to inhibition of ribosomal RNA synthesis. The Ki-67 protein (also known as MKI67) is a cellular marker for proliferation. It is strictly associated with cell proliferation. During interphase, the Ki-67 antigen can be exclusively detected within the cell nucleus, whereas in mitosis most of the protein is relocated to the surface of the chromosomes. Ki-67 protein is present during all active phases of the cell cycle (G1, S, G2, and mitosis), but is absent from resting cells (G0).