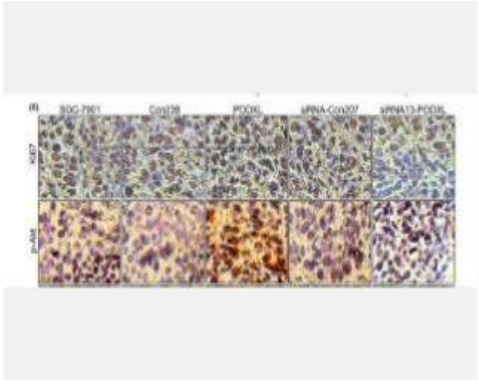
PRODUCT DATA SHEET

Ki-67 Monoclonal Antibody

Catalog No.	IMB0128
Reactivity	Human
Applications	IHC-p; ELISA
Gene Name	MKI67
Protein Name	Antigen KI-67
Human Gene Id	4288
Swiss-Prot	P46013
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Dilution	IHC: 1:200-1:1000 ELISA: 1:10000
PurIF:ication	Affinity purIF:ication
Concentration	-
Storage&Stability	-20°C/1 year
Background	This gene encodes a nuclear protein that is associated with and may be necessary for cellular prolIF:eration. Alternatively spliced transcript variants have been described. A related pseudogene exists on chromosome X. [provided by RefSeq, Mar 2009],
Subcellular Location.	Chromosome. Nucleus. Nucleus, nucleolus. Associates with the surface of the mitotic chromosome, the perichromosomal layer, and covers a substantial fraction of the mitotic chromosome surface. Associates with satellite DNA in G1 phase. Binds tightly to chromatin in interphase, chromatin-binding decreases in mitosis when it associates with the surface of the condensed chromosomes. Predominantly localized in the G1 phase in the perinucleolar region, in the later phases it is also detected throughout the nuclear interior, being predominantly localized in the nuclear matrix.
BiowMW	-

Products Images:



Zhi, Qiaoming, et al. "Podocalyxin-like protein promotes gastric cancer progression through interacting with RUN and FYVE domain containing 1 protein." Cancer science 110.1 (2019): 118.

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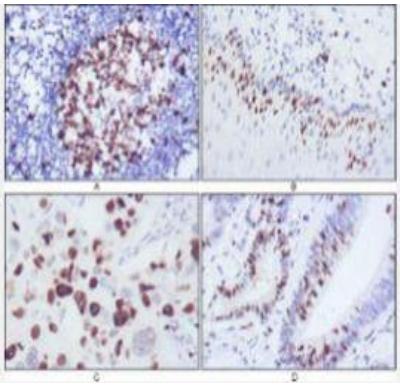

Immunohistochemistry analysis of paraffin-embedded human lymph node (A), esophagus (B), lung cancer (C), rectum cancer (D), showing nuclear localization with DAB staining using Ki-67 Monoclonal Antibody.