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Anti-Lamin B2 Antibody

Mouse Monoclonal Antibody
Catalog # AP53452

Product Information

Application	WB, IP
Primary Accession	Q03252
Other Accession	NM_032737
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Immunogen	Recombinant human Lamin B2 protein.
Calculated MW	69948

Additional Information

Gene ID	84823
Other Names	LAMB 2; LAMB2; Lamin-B2; LMN 2; LMN B2; LMN2; LMNB 2; LMNB2; LMNB2_HUMAN; MGC2721; RGD1563803.
Dilution	WB~~1:500 IP~~N/A
Format	Ascites containing with 0.09% (W/V) sodium azide and 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

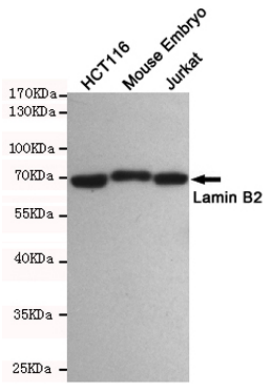
Protein Information

Name	LMNB2
Synonyms	LMN2
Function	Lamins are intermediate filament proteins that assemble into a filamentous meshwork, and which constitute the major components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane (PubMed:33033404). Lamins provide a framework for the nuclear envelope, bridging the nuclear envelope and chromatin, thereby playing an important role in nuclear assembly, chromatin organization, nuclear membrane and telomere dynamics (PubMed:33033404). The structural integrity of the lamina is strictly controlled by the cell cycle, as seen by the disintegration and formation of the nuclear envelope in prophase and telophase, respectively (PubMed:33033404).
Cellular Location	Nucleus lamina.

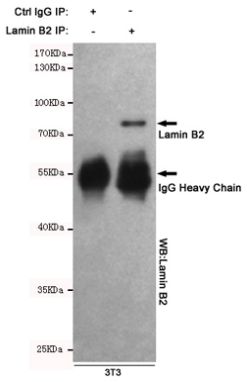
Background

Lamins are components of the nuclear lamina, a fibrous layer on the nucleoplasmic side of the inner nuclear membrane, which is thought to provide a framework for the nuclear envelope and may also interact with chromatin.

Images



Western blot detection of Lamin B2 in HCT116, Mouse Embryo and Jurkat cell lysates using Lamin B2 mouse mAb(dilution 1:500).Predicted band size:68kDa.Observed band size:68kDa.



Immunoprecipitation analysis of 3T3 cell lysates using Lamin B2 mouse mAb.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.