

Mouse Monoclonal Antibody to LMNB2

Catalogue Number	sAP-1339
Target Molecule	Name: LMNB2 Aliases: LMN2; LAMB2 MW: 67.7kDa Entrez Gene ID: 84823
Description	This gene encodes a B type nuclear lamin. The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Mutations in this gene are associated with acquired partial lipodystrophy.;
Immunogen	Purified recombinant fragment of human LMNB2 (AA: 401-600) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2E2F4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Pediatr Endocrinol Metab. 2012;25(3-4):375-7. ; 2.FEBS Lett. 2006 Nov 13;580(26):6211-6. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**