

Mouse Monoclonal Antibody to ISL1

Catalogue Number	sAP-0284
Target Molecule	<p>Name: ISL1</p> <p>Aliases: Isl-1; ISLET1</p> <p>MW: 39kDa</p> <p>Entrez Gene ID: 3670</p>
Description	<p>ISL1 (ISL1 transcription factor, LIM/homeodomain) is a member of the LIM/homeodomain family of transcription factors. It binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. It is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Islet-1 expression defines cardiac progenitor cell populations and is required for normal cardiac development and asymmetry. Mutations in this gene have been associated with maturity-onset diabetes of the young.</p>
Immunogen	Purified recombinant fragment of human ISL1 expressed in E. Coli.
Reactive Species	Human
Clone	MM1H9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell. 1996 Jan 26;84(2):309-20. ; 2. J Neurosci. 2008 Mar 26;28(13):3291-7.

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**