

Mouse Monoclonal Antibody to PAX4

Catalogue Number	sAP-0507
Target Molecule	Name: PAX4 Aliases: KPD; MODY9; MGC129960; PAX4 MW: 38kDa Entrez Gene ID: 5078
Description	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The paired box 4 gene is involved in pancreatic islet development and mouse studies have demonstrated a role for this gene in differentiation of insulin-producing beta cells.
Immunogen	Purified recombinant fragment of human PAX4 expressed in E. Coli.
Reactive Species	Human
Clone	MM3C12;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. PLoS One. 2008 Mar 12;3(3):e1783. ; 2. Diabetes Res Clin Pract. 2008 Sep;81(3):365-9.

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**