



Anti-Insulin monoclonal antibody, clone 2D11 (CABT-52127MP)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises porcine insulin, a hormone involved in glucose homeostasis.
Specificity	INS
Target	Insulin
Immunogen	Native porcine insulin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Pig, Bovine, Human
Clone	2D11
Conjugate	Unconjugated
Applications	ELISA; IHC-P
Format	Purified IgG - liquid
Size	200 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	INS insulin [Sus scrofa (pig)]
Official Symbol	INS
Synonyms	INS; insulin; proinsulin; preproinsulin;
Entrez Gene ID	397415
Protein Refseq	NP_001103242
UniProt ID	P01315
Chromosome Location	chromosome: 2
Pathway	AMPK signaling pathway; Aldosterone-regulated sodium reabsorption; FoxO signaling pathway; HIF-1 signaling pathway; Insulin secretion; Insulin signaling pathway; Maturity onset diabetes of the young; Non-alcoholic fatty liver disease (NAFLD);
Function	hormone activity; identical protein binding;