



Anti-Insulin monoclonal antibody, clone D4B8 (CABT-49152MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human Insulin antibody, clone D4B8 recognizes insulin, a major metabolic hormone produced by B cells of the pancreas. Affinity 1.5×10^8 mole/L.
Specificity	INS
Target	Insulin
Immunogen	Purified human insulin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Bovine, Pig
Clone	D4B8
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA
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 [Homo sapiens (human)]
Official Symbol	INS
Synonyms	INS; insulin; IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10; proinsulin; preproinsulin;
Entrez Gene ID	3630
Protein Refseq	NP_000198
UniProt ID	P01308
Chromosome Location	11p15.5
Pathway	AGE/RAGE pathway; AMPK signaling pathway; ATF-2 transcription factor network; Adipogenesis; Aldosterone-regulated sodium reabsorption; Amyloids; Arf6 trafficking events; Cardiac Progenitor Differentiation;
Function	hormone activity; identical protein binding; insulin receptor binding; insulin-like growth factor receptor binding; protease binding; protein binding;