



Anti-Insulin monoclonal antibody, clone E2E3 (CABT-49153MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human Insulin antibody, clone E2E3 recognizes insulin, a major metabolic hormone produced by B cells of the pancreas. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Specificity	INS
Target	Insulin
Immunogen	Insulin conjugated to BSA
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Bovine, Pig, Rabbit
Clone	E2E3
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; IHC-P
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	Store at +4°C or at -20°C if preferred. 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;