



# Mouse Anti-Rat Insulin/Proinsulin Monoclonal Antibody, clone F97418N (CABT-49157MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Rat/Mouse Insulin/Proinsulin
<b>Specificity</b>	INSULIN/PROINSULIN
<b>Target</b>	Insulin
<b>Immunogen</b>	Recombinant human insulin.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Bovine, Mouse, Pig, Rat
<b>Clone</b>	F97418N
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; ELISA
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	200 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">INS insulin [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	INS
<b>Synonyms</b>	INS; insulin; IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10; proinsulin; preproinsulin; INSULIN/PROINSULIN;
<b>Entrez Gene ID</b>	<a href="#">3630</a>
<b>Protein Refseq</b>	<a href="#">NP_000198</a>
<b>Chromosome Location</b>	11p15.5
<b>Pathway</b>	AGE/RAGE pathway; AMPK signaling pathway; ATF-2 transcription factor network; Adipogenesis; Aldosterone-regulated sodium reabsorption; Amyloids; Arf6 trafficking events; Cardiac Progenitor Differentiation;
<b>Function</b>	hormone activity; identical protein binding; insulin receptor binding; insulin-like growth factor receptor binding; protease binding; protein binding;