



Anti-IGF1 monoclonal antibody, clone M23/ILG1-001 (CABT-47694MI)

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

PRODUCT INFORMATION

Product Overview	Mouse anti human IGF-I, clone M23/ILG1-001, recognizes insulin-like growth factor 1, also known as somatomedin C. It shows minimal cross-reactivity with IGF-II, Proinsulin, MSF and Insulin. IGF-I is a secreted endocrine hormone that acts as the primary mediator for the effects of growth hormone. Affinity 108-109 L/mole.
Specificity	IGF1
Immunogen	Biosynthetic IGF-I
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	M23/ILG1-001
Conjugate	Unconjugated
Applications	ELISA; RIA
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	IGF1 insulin-like growth factor 1 (somatomedin C) [Homo sapiens (human)]
Official Symbol	IGF1
Synonyms	IGF1; insulin-like growth factor 1 (somatomedin C); IGFI; IGF-I; IGF1A; insulin-like growth factor I; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor IA; insulin-like growth factor IB;
Entrez Gene ID	3479
Protein Refseq	NP_000609
UniProt ID	P05019
Chromosome Location	12q23.2
Pathway	AMPK signaling pathway; Adipogenesis; Aldosterone-regulated sodium reabsorption; Apoptosis; Cardiac Progenitor Differentiation; Dilated cardiomyopathy; Endochondral Ossification; Focal Adhesion;
Function	growth factor activity; hormone activity; insulin receptor binding; insulin-like growth factor receptor binding; integrin binding; protein binding;