



IGF2 Antibody

Product Code	CSB-RA011088A0HU
Abbreviation	Insulin-like growth factor II
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P01344
Immunogen	A synthesized peptide derived from human IGF2
Species Reactivity	Human
Tested Applications	ELISA
Relevance	The insulin-like growth factors possess growth-promoting activity. Major fetal growth hormone in mammals. Plays a key role in regulating fetoplacental development. IGF-II is influenced by placental lactogen. Also involved in tissue differentiation. Positively regulates myogenic transcription factor MYOD1 function by facilitating the recruitment of transcriptional coactivators, thereby controlling muscle terminal differentiation (By similarity). In adults, involved in glucose metabolism in adipose tissue, skeletal muscle and liver (Probable). Acts as a ligand for integrin which is required for IGF2 signaling (PubMed:28873464).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Insulin-like growth factor II, IGF-II, Somatomedin-A, T3M-11-derived growth factor, Insulin-like growth factor II, Insulin-like growth factor II Ala-25 Del, Preptin, IGF2, PP1446
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Gene Names	IGF2
Accession NO.	1D6
Description	<p>The product CSB-RA011088A0HU is a recombinant IGF2 monoclonal antibody. It is generated by transfecting the human IGF2 gene-vector clones into the cell line for in vitro production and subsequent purification from the tissue culture supernatant (TCS). This IGF2 antibody can react with human IGF2 protein. It has undergone affinity-chromatography purification. And it has been validated in ELISA assay.</p>

IGF2 is a protein hormone that regulates cell proliferation, growth, migration,



differentiation, and survival. It is important in body growth and development. It also plays a crucial role in memory consolidation and can improve memory retention.