

# IGF2 Rabbit mAb

Catalog # AP77590

## Product Information

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<b>Application</b>	WB, IF, ICC
<b>Primary Accession</b>	<a href="#">P01344</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human IGF2
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	20140

## Additional Information

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<b>Gene ID</b>	3481
<b>Other Names</b>	IGF2
<b>Dilution</b>	WB~~1/500-1/1000 IF~~1:50~200 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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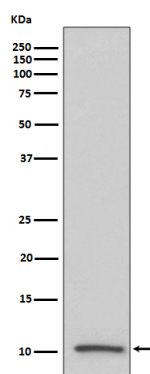
<b>Name</b>	IGF2 ( <a href="#">HGNC:5466</a> )
<b>Function</b>	The insulin-like growth factors possess growth-promoting activity (By similarity). Major fetal growth hormone in mammals. Plays a key role in regulating fetoplacental development. IGF2 is influenced by placental lactogen. Also involved in tissue differentiation. 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: <a href="#">28873464</a> ). Positively regulates myogenic transcription factor MYOD1 function by facilitating the recruitment of transcriptional coactivators, thereby controlling muscle terminal differentiation (By similarity). Inhibits myoblast differentiation and modulates metabolism via increasing the mitochondrial respiration rate (By similarity).
<b>Cellular Location</b>	Secreted.

## Tissue Location

Expressed in heart, placenta, lung, liver, muscle, kidney, tongue, limb, eye and pancreas.

## Images

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