

Mouse anti-Human IGF2 Monoclonal Antibody | anti-IGF2 antibody

IGF2 antibody

CATALOG # AAA74493	HOST Mouse	REACTIVITY Human	APPLICATIONS immunoassay, Radioimmunoassay, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

IGF2; Monoclonal Antibody; IGF2 antibody; Monoclonal IGF2; Anti-IGF2; IGF 2; IGF-2; IGF-II; Insulin Growth Factor 2; anti-IGF2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	W2H1
Specificity	Human
Purity/Purification	IGF2 antibody was purified by affinity chromatography.
Form/Format	PBS with 0.09% NaN ₃ .
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	180
Applicable Applications for anti-IGF2 antibody	RIA (Radioimmunoassay), IHC (Immunohistochemistry), ELISA
Biological Significance	Insulin-like growth factor 2 (IGF-2) is one of three protein hormones that share structural similarity to insulin. IGF-2 exerts its effects by binding to the IGF-1 receptor. The major role of IGF2 is as a growth promoting hormone during gestation. In the process of Folliculogenesis, IGF2 is created by Theca cells to act in an autocrine manner on the theca cells themselves, and in a paracrine manner on Granulosa cells in the ovary.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Immunogen	IGF2 antibody was raised in mouse using human anti-globulin conjugated to IGF-II as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-IGF2 antibody	Mouse monoclonal IGF2 antibody
Product Categories/Family for anti-IGF2 antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	189955
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NCBI GeneID	3481
UniProt Accession #	P01344; P78449; Q14299; Q1WM26; Q9UC68; Q9UC69; B3KX48; B7WP08; C9JAF2; E3UN45
Molecular Weight	26,331 Da
NCBI Official Full Name	insulin-like growth factor II
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	IGF2
NCBI Official Synonym Symbols	IGF-II; PP9974; C11orf43
NCBI Protein Information	insulin-like growth factor II
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	IGF2
UniProt Synonym Gene Names	IGF-II
UniProt Entry Name	IGF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/igf2-antibody-clone-w2h1-radioimmunoassay-immunohistochemistry-elisa/74493>