

IGF2

Reactivity:Human

Tested applications:WB IHC ICC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:500 - 1:1000 ICC 1:500 - 1:1000

Calculated MW:20kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic Peptide of human IGF2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

IGF-II; PP9974; C11orf43;

Catalog #:A1381

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:3481

Isotype:IgG

Swiss Prot:P01344

Purity:Affinity purification

For research use only.

Background:

This gene encodes a member of the insulin family of polypeptide growth factors, which are involved in development and growth. It is an imprinted gene, expressed only from the paternal allele, and epigenetic changes at this locus are associated with Wilms tumour, Beckwith-Wiedemann syndrome, rhabdomyosarcoma, and Silver-Russell syndrome. A read-through INS-IGF2 gene exists, whose 5' region overlaps the INS gene and the 3' region overlaps this gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

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