



# IGF-2 (PT1543) mouse mAb

Catalog No         BYab-15332           Isotype         IgG           Reactivity         Human; Predict react with Mouse, Rat           Applications         IHC;IF           Gene Name         IGF2 PP1446           Protein Name         Insulin-like growth factor II (IGF-II) (Somatomedin-A) [Cleaved into: Insulin-like growth factor II Ala-25 Def, Preptin]           Immunogen         Synthesized peptide derived from human IGF-2           Specificity         This antibody detects endogenous levels of human IGF-2. Heat-induced epitope retrievel (HIRIB), TRISE-EDTA of pH8.0 was highly recommended as antigen repair method in paraffin section           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Mouse, Monoclonal/IgG2b, Kappa           Purification         The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.           Dilution         IHC-p 1:100-500. IF 1:50-200           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band           Cell Pathway         Secreted .           Cell Pathway         Secreted .           Tissue Specificity         Expressed in heart, placenta, lung, liver, muscle, kidney, tongue, limb, eye and planceas.		
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development.,mass spectrometry: PubMed:12586351; PubMed:15359740,online
information:Clinical information on Eli Lilly insu

#### **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. [provided by RefSeq, Oct 2010],

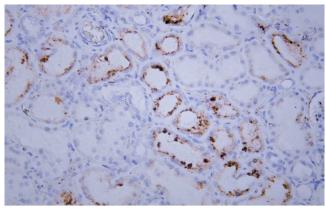
## matters needing attention

Avoid repeated freezing and thawing!

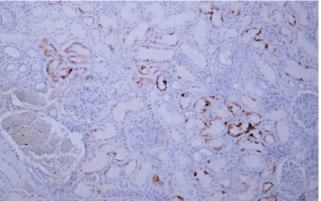
### **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### **Products Images**



Human kidney tissue was stained with Anti-IGF-2 (ABT187) Antibody



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