

<b>Cat. No:</b>	AB-J1260
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µg
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 25-180 of human IGF2 (NP_000603.1).
<b>Reactivity:</b>	Hu, Ms,
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:100
<b>Molecular Weight:</b>	28kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	IGF2;C11orf43;GRDF;IGF-II;PP9974

**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.

**Form:**

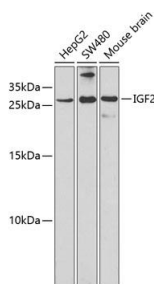
Liquid

**Buffer:**

PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles.

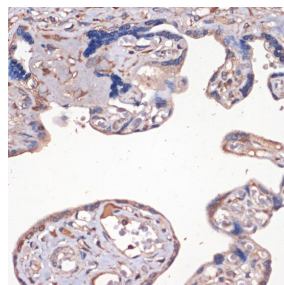


Western blot analysis of extracts of various cell lines, using IGF2 antibody at 1:1000 dilution.

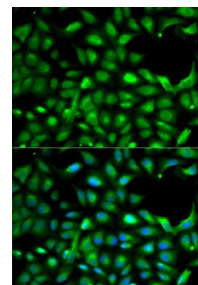
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human placenta using IGF2 Rabbit pAb at dilution of 1:100 (40x lens).



Immunofluorescence analysis of A-549 cells using IGF2 antibody. Blue: DAPI for nuclear staining.

**For Research use only  
IMMUNOLOGICAL SCIENCES**