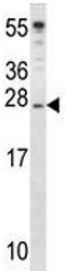
IGF2 Antibody (F41299)

Catalog No.	Formulation	Size
F41299-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F41299-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

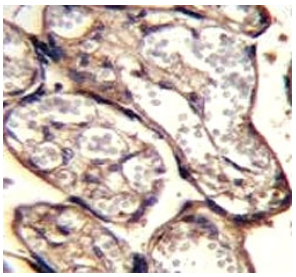
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01344
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This IGF2 antibody is available for research use only.

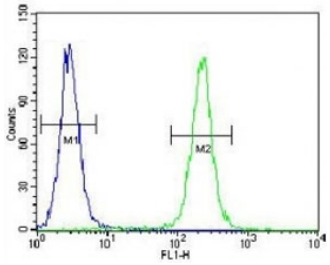
IGF2 antibody western blot analysis in HeLa lysate. Predicted molecular weight: 20, 20, 26 kDa (isoforms 1-3).



IGF2 antibody western blot analysis in mouse cerebellum tissue lysate. Predicted molecular weight: 20, 20, 26 kDa (isoforms 1-3).



IGF2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.



IGF2 antibody flow cytometric analysis of HeLa cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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.

Application Notes

Titration of the IGF2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 39-68 from the human protein was used as the immunogen for this IGF2 antibody.

Storage

Aliquot the IGF2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com