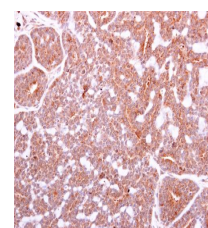


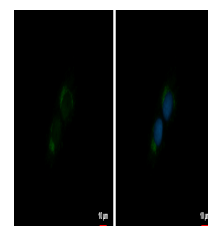
Product Datasheet

IGF1 antibody GRP95

Description	The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Several transcript variants encoding different isoforms have been found for this gene.
Species/Host	Rabbit
Reactivity	Human, Mouse
Conjugation	Unconjugated
Tested Applications	ICC, IF, IHC-P, WB
Immunogen	Recombinant protein encompassing a sequence within the center region of human IGF1. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	1.24 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	P05019
Entrez	3479
Dilution Range	WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000



IGF1 antibody detects IGF1 protein at cytoplasm of human breast carcinoma by immunohistochemical analysis.
Sample: Paraffin-embedded human breast carcinoma. IGF1 antibody (GRP547) diluted at 1:500.



IGF1 antibody detects IGF1 protein at Golgi apparatus membrane by immunofluorescent analysis. Sample: SKNSH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: IGF1 protein stained by IGF1 antibody (GRP547) diluted at 1:500. Blue: Hoechst 33342