

Product Datasheet

Phospho-IGF1R (Tyr980) Rabbit Polyclonal Antibody (orb5503)

Catalog Number	orb5503
Category	Antibodies
Description	Phospho-IGF1R (Tyr980) Rabbit Polyclonal Antibody
Target	IGF1R
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated Synthesised phosphopeptide derived from human IGF1R around the phosphorylation site of Tyr980 PE(p-Y)FS
UniProt ID	P08069

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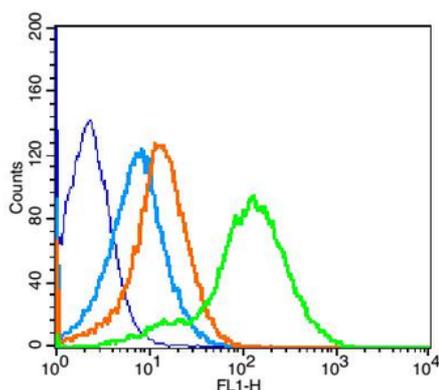
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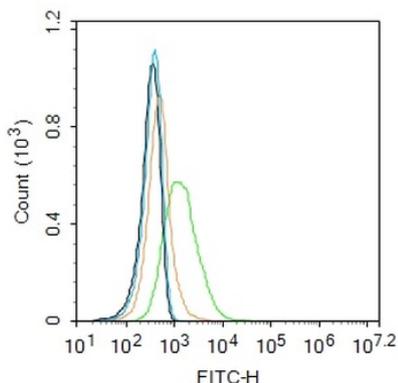
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RRID	AB_10925377
MW	150 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue): Mouse Kidney (fixed with 2% paraformaldehyde for 10 min at 37°C). Primary Antibody: Rabbit Anti-phospho-IGF1R (Tyr980) antibody (orb5503, Green), dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), dilution: 1:200 in 1X PBS containing 0.5% BSA.



Blank control: MCF7. Primary Antibody (green line): Rabbit Anti-phospho-IGF1R (Tyr980) antibody (orb5503), dilution: 2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test. Protocol, The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.

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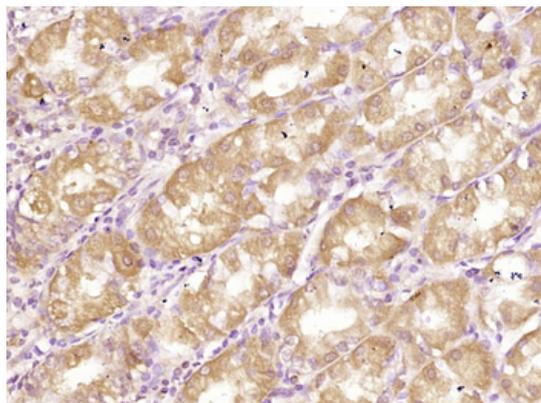
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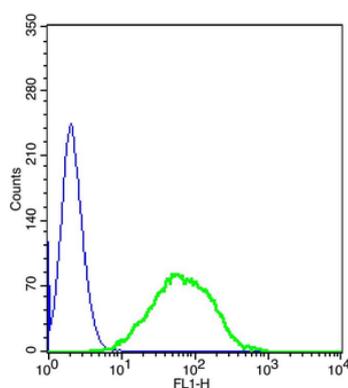
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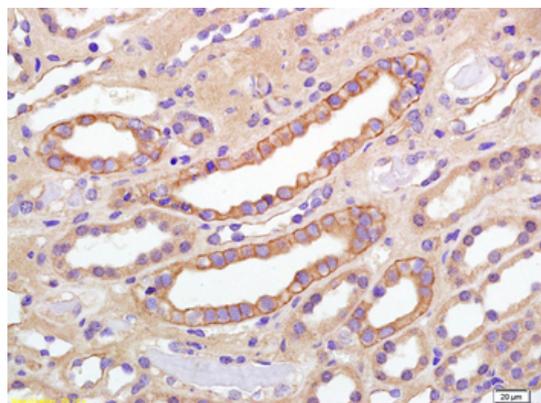
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Paraformaldehyde-fixed, paraffin embedded (human stomach), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (RELM beta) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



The blue histogram is unstained cells (HepG2 cells). The green histogram is cells stained with Rabbit Anti-phospho-IGF1R (Tyr980) antibody (orb5503) plus secondary antibody (orb868805). Concentration 1:20.



Tissue/Cell: human kidney carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-phospho-IGF1R (Tyr980) Polyclonal Antibody, Unconjugated (orb5503) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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