

## **Product Datasheet**

## GRK2 antibody [C2C3], C-term GRP107

Description	The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart. [provided by RefSeq]	
Species/Host	Rabbit	MW (KDa) - + GRK2
Reactivity	Human, Mouse	130 — 95 —
Conjugation	Unconjugated	72 — 55 —
Tested Applications	FACS, ICC, IF, IHC-P, IP, WB	43
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human GRK2. The exact sequence is proprietary.	Non-transfected (–) and transfected (+) 293T whole cell extracts (30 ?g) were separated by 7.5% SDS-PAGE, and the membrane was
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	blotted with GRK2 antibody [C2C3],
Concentration	1.04 mg/ml	C-term (GRP559) diluted at
Storage	Store as concentrated solution. Centrifuge briefly prior to openin- 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.	1:1000. The HRP-conjugated anti-rabbit IgG antibody was used
Note	For research use only.	10 2 C 2
Isotype	IgG	1 20 0 0 0 V
Clonality	Polyclonal	A CALL AND A CALL
Purity	Purified by antigen-affinity chromatography.	
Uniprot ID	P25098	Immunohistochemical analysis
Entrez	156	OVCAR3 xenograft, using
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IP: 1:100-1:500	GRK2(GRP559) antibody at 1:500 dilution.