

## Product datasheet for **TA346873**

### GRK2 Mouse Monoclonal Antibody [Clone ID: 3F8-G6-C11]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3F8-G6-C11
Applications:	WB
Recommended Dilution:	WB: 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for ADRBK1 antibody: purified recombinant human GRK2 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	G protein-coupled receptor kinase 2
Database Link:	<a href="#">NP_001610</a> <a href="#">Entrez Gene 156 Human</a> <a href="#">P25098</a>
Background:	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, Jul 2008]
Synonyms:	ADRBK1; BARK1; BETA-ARK1

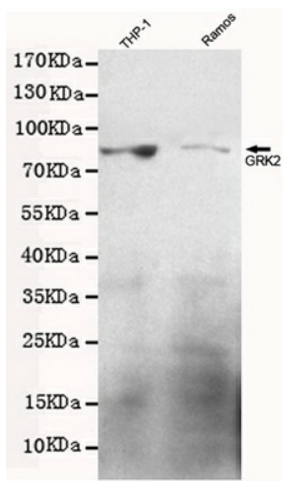


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Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Chemokine signaling pathway, Endocytosis

### Product images:



Western blot detection of GRK2 in Ramos and THP-1 cell lysates using GRK2 mouse mAb (1:500 diluted), with super ECL. Predicted band size: 80 kDa. Observed band size: 80 kDa. Exposure time: 20 s.