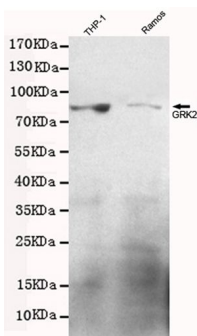




GRK2

Mouse monoclonal Antibody

#53136

Catalog Number: 53136**Amount:** 100µg/100µl**Swiss-Prot No. :** P25098**Gene name:** adrbk1**Gene id:** 156**Clone Number:** 3F8-G6-C11**Form of Antibody:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Storage/Stability:** Store at -20°C/1 year**Immunogen:** Purified recombinant human GRK2 protein fragments expressed in E.coli**Purification:** affinity-chromatography**Specificity/Sensitivity:** This antibody detects endogenous levels of GRK2 and does not cross-react with related proteins**Reactivity:** Human,**Applications:** Predicted MW: 80kd WB: 1:500

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: 80KDa. Observed band size: 80KDa.

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.