

## Anti-GRK2 Monoclonal Antibody

Cat: AC50493

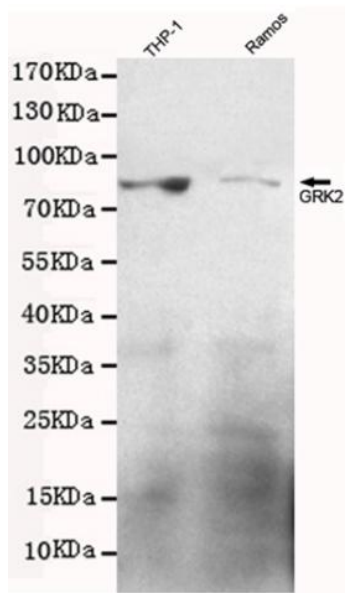
### Summary:

- 【Product name】** : Anti-GRK2 antibody      **【Source】** : Mouse  
**【Isotype】** : IgG1      **【Species reactivity】** : Human  
**【Swiss Prot】** : P25098      **【Gene ID】** : 156  
**【Calculated】** : MW:80kDa      **【Observed】** : MW:85kDa  
**【Purification】** : Affinity purification  
**【Tested applications】** : WB  
**【Recommended dilution】** : WB 1:200-1000.  
**【WB Positive sample】** : Ramos and THP-1 cell lysate  
**【Subcellular location】** : Cell membrane Cytoplasm  
**【Immunogen】** : Purified recombinant human GRK2 protein fragments expressed in E.coli.  
**【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### 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.

## Verified picture



Western blot analysis with GRK2 antibody  
diluted at 1:500