



## GRK2 Mouse Monoclonal Antibody

E10-30199

**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) Tissue specificity: Expressed in peripheral blood leukocytes

**Catalog Number:** E10-30199  
**Amount:** 100µg/100µl  
**Clone Number:** 3F8  
**Species:** Mouse IgG1  
**MW:** 80kDa  
**Aliases:** GRK2; BARK1; FLJ16718; BETA-ARK1; ADRBK1  
**Entrez Gene:** 156  
**Immunogen:** Purified recombinant fragment of human GRK2 expressed in E. Coli.  
**Storage:** Store at 4°C, for long term storage, store at -20°C.  
**Formulation:** Ascitic fluid containing 0.03% sodium azide.  
**Species Reactivities:** Human; Mouse; Rat; Monkey  
**Tested Applications:** WB, IHC, IF, ELISA. Not yet tested in other applications.  
**Application notes:** WB: 1/500 - 1/2000, IHC: 1/200-1/1000, IF: 1/200-1/1000, ELISA: Propose dilution 1/10000.

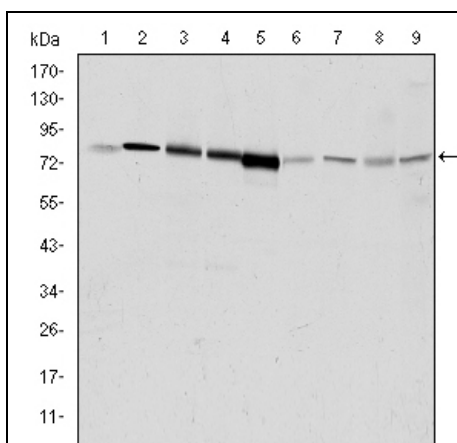


Figure 1: Western blot analysis using GRK2 mouse mAb against HeLa (1), Jurkat (2), MOLT4 (3), RAJI (4), THP-1 (5), L1210 (6), Cos7 (7), PC-12 (8), and NIH/3T3 (9) cell lysate.

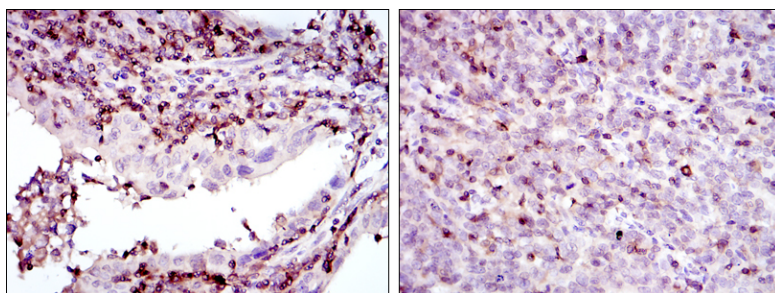
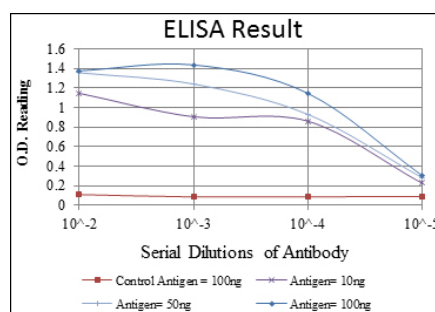


Figure 2: Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues (left) and cervical cancer tissues (right) using GRK2 mouse mAb with DAB staining.



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