



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to GRK2

Catalog Number: MAB-606030199

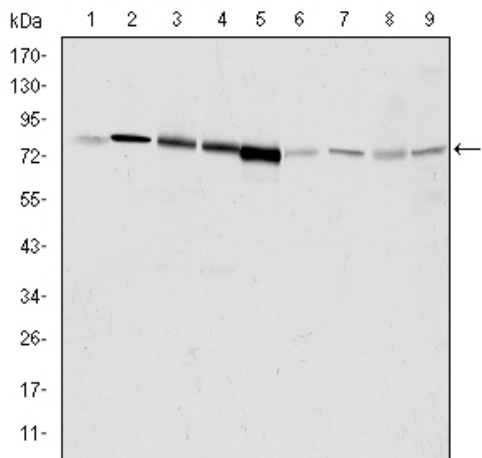


Figure 1: Western blot analysis using GRK2 mouse mAb against Hela (1), Jurkat (2), MOLT4 (3), RAJI (4), THP-1 (5), L1210 (6), Cos7 (7), PC-12 (8), and NIH/3T3 (9) cell lysate.

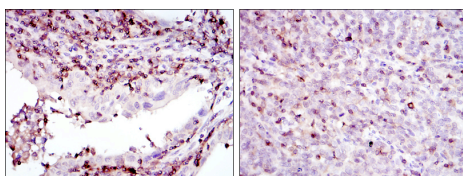


Figure 2: Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues (left) and cervical cancer tissues (right) using GRK2 mouse mAb with DAB staining.

Lot#:
Clone#: 3F8
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 80kDa
Aliases: GRK2; BARK1; FLJ16718; BETA-ARK1; ADRBK1
Entrez Gene: 156
Species reactivity: Human; Mouse; Rat; Monkey

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)
Tissue specificity: Expressed in peripheral blood leukocytes

Immunogen Purified recombinant fragment of human GRK2 expressed in E. Coli.

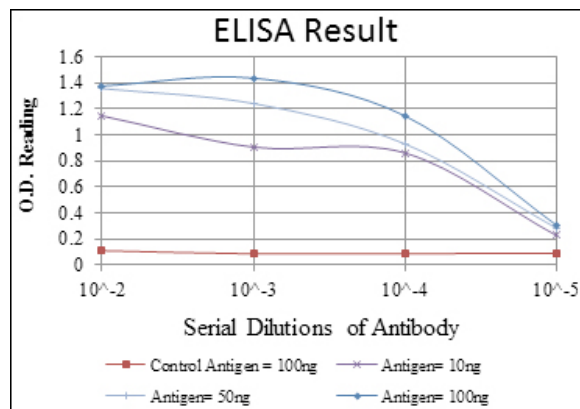
Application Western Blotting: 1/500 - 1/2000.
Immunohistochemistry: 1/200 - 1/1000.
Immunofluorescence: 1/200 - 1/1000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product

References 1. Mol Biol Cell. 2008 Jul;19(7):2973-83.
2. Biochemistry. 2009 May 26;48(20):4285-93.



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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com