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Product datasheet for AM06612SU-N

GRK2 Mouse Monoclonal Antibody [Clone ID: 3F8]

Product data:

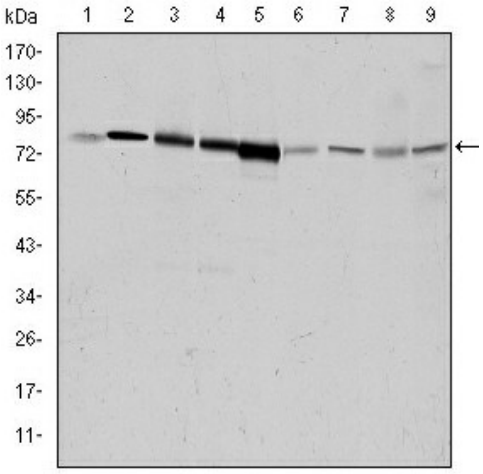
Product Type:	Primary Antibodies
Clone Name:	3F8
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	**Western Bloting:** 1/500 - 1/2000. **Immunohistochemistry on paraffin sections**: 1/200 - 1/1000. **Immunofluorescence**: 1/200 - 1/1000. **ELISA**: 1/10000.
Reactivity:	Human, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human GRK2 expressed in E. Coli.
Specificity:	This antibody reacts to GRK2.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	80 kDa
Gene Name:	G protein-coupled receptor kinase 2
Database Link:	Entrez Gene 156 Human P25098

View online »

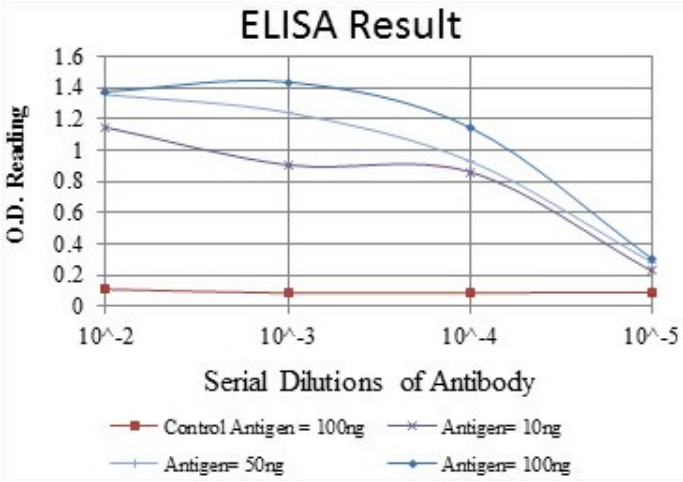
Background: The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic 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

Synonyms: BARK, BARK1, GRK2, Beta-adrenergic receptor kinase 1

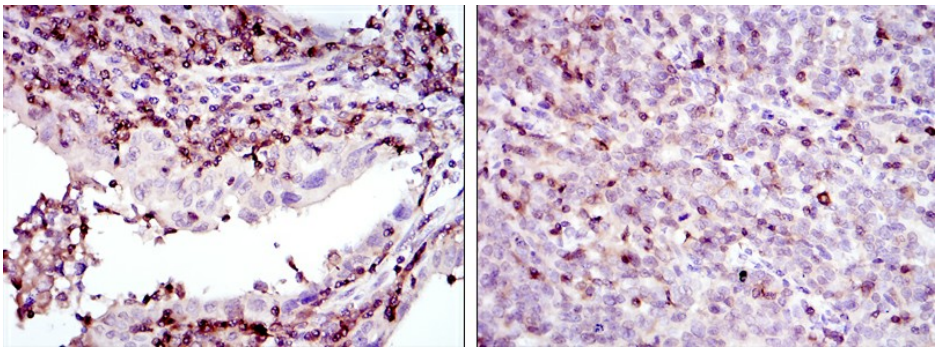
Product images:



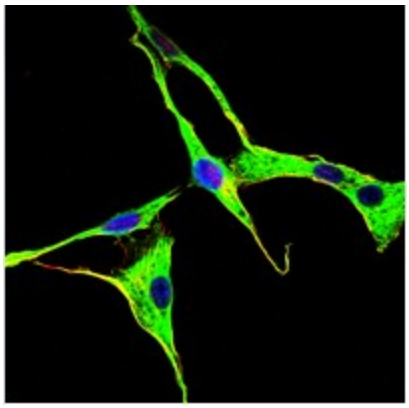
Western blot analysis using GRK2 mouse mAb against Hela (1), Jurkat (2), MOLT4 (3), RAJI (4), THP-1 (5), L1210 (6), Cos7 (7), PC-12 (8), and NIH/3T3 (9) cell lysate.



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



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



Immunofluorescence analysis of NIH/3T3 cells using GRK2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.