

GRK2 Ab

[Images\(1\)](#)

Cat.#: BF0499 Concn.: ~1mg/ml Mol.Wt.: 80kDa
Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, IF/ICC
1:200-1:1000

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat,Monkey

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH
7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

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

Uniprot: P25098

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

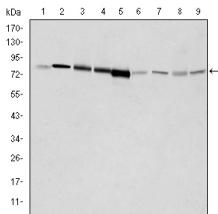


Figure 1: Western blot analysis using GRK2 mouse mAb against Hela (1), Jurkat (2), MOLT4 (3), RAJI (4), THP-1 (5), L1210 (6), Cos7 (7), PC-12 (8), and NIH/3T3 (9) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.