

Anti-GRK2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

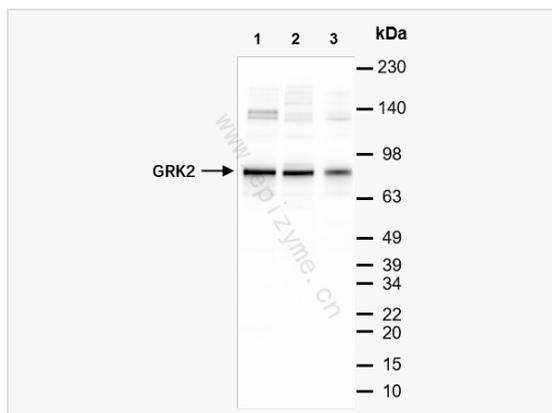
Catalog # R011130

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	53L08M80
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human GRK2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GRK2 Rabbit mAb [53L08M80] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADRBK1, Adrenergic beta receptor kinase 1, ARBK1_HUMAN, BARK, BARK1, Beta adrenergic receptor kinase 1, Beta ARK 1, Beta ARK1, Beta-adrenergic receptor kinase 1, Beta-ARK-1, FLJ16718, G protein coupled receptor kinase 2, G-protein coupled receptor kinase 2, GRK2.
Calculated MW	Calculated MW: 80 kDa; Observed MW: 80 kDa
Uniprot ID	P25098
Gene ID	156
Background	This gene encodes a member of the G protein-coupled receptor kinase family of proteins. The encoded protein phosphorylates the beta-adrenergic receptor as well as a wide range of other substrates including non-GPCR cell surface receptors, and cytoskeletal, mitochondrial, and transcription factor proteins. Data from rodent models supports a role for this gene in embryonic development, heart function and metabolism. Elevated expression of this gene has been observed in human patients with heart failure and Alzheimer's disease. [provided by RefSeq, Sep 2017]
Tissue Location	Expressed in peripheral blood leukocytes.



Western Blot - Anti-GRK2 Rabbit mAb [53L08M80]

All lanes: R011130 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 3: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 80 kDa

Observed band size: 80 kDa

Developed using the ECL technique (Cat. No. SQ201).