

GRK2 Recombinant Rabbit Monoclonal Antibody (ST05-60)

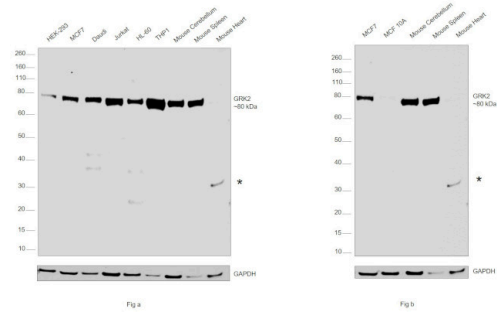
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	ST05-60
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human GRK2 aa 640-689
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809469

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

Product Specific Information

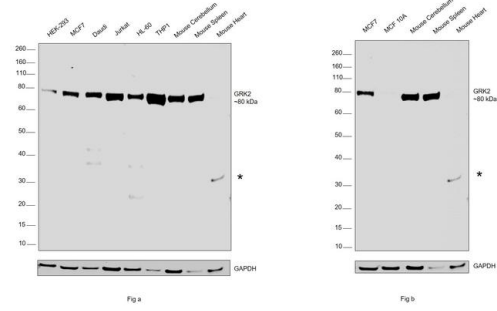
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For GRK2 Recombinant Rabbit Monoclonal Antibody (ST05-60)



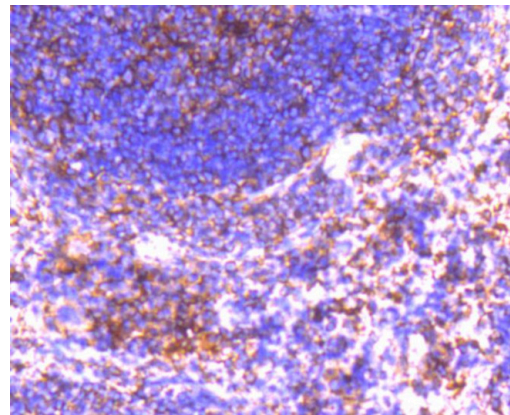
GRK2 Antibody (MA5-32181)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissue tested owing to their inherent genetic constitution. Relative expression of GRK2 was observed in MCF7, Mouse Cerebellum and Mouse Spleen in comparison to MCF10A and Mouse Heart using GRK2 Recombinant Rabbit Monoclonal Antibody (ST05-60) (Product # MA5-32181) in Western Blot. {RE}



GRK2 Antibody (MA5-32181) in WB

Western blot was performed using GRK2 Recombinant Rabbit Monoclonal Antibody (ST05-60) (Product # MA5-32181) and a 80 kDa band corresponding to GRK2 was observed across cell lines and tissue extracts along with an uncharacterized band (*) at ~35 kDa. Whole cell extracts (30 µg lysate) of HEK-293 (Lane 1), MCF7 (Lane 2), Daudi (Lane 3) Jurkat (Lane 4), HL-60 (Lane 5) THP-1 (Lane 6), tissue extracts (30 µg lysate) of Mouse Cerebellum (Lane 7), Mouse Spleen (Lane 8) and Mouse Heart (Lane 9) of Fig a; and MCF7 (Lane 1), MCF 10A (Lane 2), Mouse Cerebellum (Lane 3) Mouse Spleen (Lane 4) and Mouse Heart (Lane 5) of Fig b were electrophoresed using NuPAGE® 4-12 % Bis-Tris gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001).The blot was probed with the primary antibody (1: 1,000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4,000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



GRK2 Antibody (MA5-32181) in IHC (P)

Immunohistochemical analysis of GRK2 of paraffin-embedded Mouse spleen tissue using a GRK2 Monoclonal antibody (Product #MA5-32181). Counter stained with hematoxylin.

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