

AB-NK067-2

GRK (pan) Antibody

Pan-specific monoclonal antibody (S145-20) for monitoring the expression of mouse protein-serine/threonine kinase GRK (pan)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	G protein-coupled receptor kinase 5
Alias:	G protein-coupled receptor kinase, Pan-GRK, GRK-pan, GRK
UniProt ID:	Q8VEB1 - Mouse
Human Predicted Mass (KDa):	67.787 (590 AA; P34947-1)
Observed SDS-PAGE Mass (KDa):	70

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 381-590 (C-terminus) of mouse GRK5. 91% identical to human, and 99% identical to rat. >55% identity with GRK6 and GRK4. >40% identity with GRK7 and RK.
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	96 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-449 was sufficient for detection of GRK (pan) in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a 70 kDa protein.
Antibody Cross Reactivities:	Cross-reacts with GRK6.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987