

AB-NN219-1

BK Beta2 Antibody

Pan-specific monoclonal antibody (S53-32) for monitoring the expression of mouse BK Beta2



KINEXUS

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Target Protein

Name Long:	Calcium-activated potassium channel subunit beta-2 (BK Beta2)
Alias:	KCNMB2, Calcium-activated potassium channel subunit beta-2, BK channel subunit beta-2, BKbeta2, Calcium-activated potassium channel, subfamily M subunit beta-2, Charybdotoxin receptor subunit beta-2, K(VCA)beta-2, Maxi K channel subunit beta-2, Slo-beta-2
UniProt ID:	Q9CZM9 - Mouse
Human Predicted Mass (KDa):	27.130 (235 AA; Q9Y691-1)
Observed SDS-PAGE Mass (KDa):	27

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-41 (N-terminus) and 218-235 (C-terminus) of mouse BKBeta2
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	61 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, 0.09% 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 IHC ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-331 was sufficient for detection of BK Channel beta2 in 10 µg of COS-1 cells transiently transfected with KBeta2 lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~27 kDa protein.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	No cross-reactivity against BKBeta1, BKBeta3 or BKBeta4.

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

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