

# Product datasheet for TA424211

## Kir2.1 (KCNJ2) Rabbit Monoclonal Antibody

#### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human Kir2.1
Specificity:	Kir2.1 Antibody detects endogenous levels of total Kir2.1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -24°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	53kDa
Gene Name:	potassium voltage-gated channel subfamily J member 2
Database Link:	<u>Entrez Gene 3759 Human</u> <u>P63252</u>
Background:	Probably participates in establishing action potential waveform and excitability of neuronal and muscle tissues. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it.
Synonyms:	ATFB9; HHBIRK1; HHIRK1; HIRK1; IRK-1; IRK1; KCNJ2; KIR2.1; LQT7; SQT3



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### **Product images:**

KDa 250 \_\_\_\_\_\_ 150 \_\_\_\_\_ 100 \_\_\_\_\_ 75 \_\_\_\_\_ 50 \_\_\_\_\_ 37 \_\_\_\_ 25 \_\_\_\_\_ 25 \_\_\_\_\_ 15 \_\_\_\_\_ 15 \_\_\_\_\_ 15 \_\_\_\_\_ 10 \_\_\_\_ 10 \_\_\_\_\_\_ 10 \_\_\_\_\_\_ 10 \_\_\_\_\_ 10 \_\_\_\_\_ 10 \_\_\_\_\_ 10 \_\_\_\_\_ 10 \_\_\_\_\_ 10 \_\_\_

Western blot analysis of Kir2.1 expression in A549 cell lysate.

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