

# Product Datasheet

## CACNA1S Antibody (mAB 1a)

### NBP2-29825

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-29825**

CACNA1S Antibody (mAB 1a)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	mAB 1a
Preservative	No Preservative
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Product Description	
Host	Mouse
Gene ID	779
Gene Symbol	CACNA1S
Species	Human, Mouse, Rat, Rabbit
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Dihydropyridine calcium channel, $\alpha 1$ subunit as determined by Western Blot (~210 kDa), immunoprecipitation and functional test. Membrane preparations are recommended. The mouse muscle cell line, BC3H1 functions as a good positive control cell line. Reactive with L-type calcium channel $\alpha 1$ subunit. Specific for small cell carcinoma and neuroblastoma by FACS analysis. No interaction with squamous cell carcinoma or with cardiac calcium channel isoforms.
Immunogen	This antibody is specific to Dihydropyridine-sensitive Calcium Channel Alpha 1 Subunit
Notes	Relevant Entrez Gene Numbers: NM_000069.2
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunoprecipitation 1:10-1:500





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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