

## Datasheet

### **Cacng2/Cacng4/Cacng8 monoclonal antibody, clone S245-36 (FITC)**

**Catalog Number:** MAB17336

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against partial recombinant rat Cacng2/Cacng4/Cacng8.

**Clone Name:** S245-36

**Immunogen:** Recombinant protein corresponding to amino acids 203-323 at C-terminus of rat Cacng2.

**Host:** Mouse

**Reactivity:** Rat

**Applications:** ICC, IF, WB-Ti  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** FITC

**Purification:** Protein G purification

**Isotype:** IgG2a

**Recommend Usage:** Immunocytochemistry (1:100)  
Immunofluorescence (1:100)  
Western Blot (1:1000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).

**Storage Instruction:** Store at -20°C.

**Entrez GeneID:** 84347|140725|140729

**Gene Symbol:** Cacng2

**Gene Alias:** lpr328

**References:**

1. Cornichon-2 modulates AMPA receptor-transmembrane AMPA receptor regulatory protein assembly to dictate gating and pharmacology. Gill MB, Kato AS, Roberts MF, Yu H, Wang H, Tomita S, Bredt DS. *J Neurosci.* 2011 May 4;31(18):6928-38. doi: 10.1523/JNEUROSCI.6271-10.2011.
2. Calpain-mediated regulation of stargazin in adult rat brain. Yu L, Rostamiani K, Hsu YT, Wang Y, Bi X, Baudry M. *Neuroscience.* 2011 Mar 31;178:13-20. doi: 10.1016/j.neuroscience.2011.01.026. Epub 2011 Jan 20.