



MOUSE ANTI-DIHYDROPYRIDINE BINDING COMPLEX (α 1-Subunit) MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB427

LOT NUMBER:

QUANTITY: 100 μ L

SPECIFICITY: Dihydropyridine calcium channel, α_1 subunit as determined by Western blot of membrane preparations (~210 kDa), immunoprecipitation and functional tests. The mouse muscle cell line BC3H1 can be used as a positive control. Reactive with L-type calcium channel α 1 subunit. Specific for small cell carcinoma and neuroblastoma by FACS analysis. No interaction with squamous cell carcinoma or with cardiac calcium channel isoforms.

CLONE NAME: mAB 1a

ISOTYPE: IgG₁

APPLICATIONS: Western blot, immunoprecipitation and FACS.
Optimal working dilutions must be determined by end user.

SPECIES REACTIVITIES: Human, rabbit, rat and mouse.

FORMAT: Ascites.

STORAGE/HANDLING: Maintain at -20°C in undiluted aliquots for up to 12 months. Avoid repeated freeze/thaw cycles.

REFERENCES:

1. *J. Biol. Chem.* (1988) **263**:613-616.
2. *Neuron* (1989) **2**:1499-1506.
3. *J. Neuroscience* (1997) **17**:6918-6928.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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