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Product Description
**Monoclonal anti Na⁺-Ca²⁺
exchanger protein
(cardiac)**
3RF1PUR
Affinity purified

*For publication in journals requesting antibody
concentration*

Product: Affinity purified mouse monoclonal anti Na⁺-Ca²⁺ exchanger protein (cardiac)

Code No: 3RF1PUR

Antibody Concentration: 0.18 mg/ml

Form: Antibody diluted in PBS (lyophilized).

Quantities available: 100 µl

Reconstitution: with corresponding amount of bi-distilled water

Description:

The antibody 3RF1pur was purified with Protein-G from in vitro produced monoclonal antibody 3RF1 directed against Na⁺-Ca²⁺ exchanger protein (see product description 3RF1 for further details concerning immunoblot and immunohistochemistry). The antibody concentration is of 0.2 (A), resp 0.6 (B) mg/ml in 0.1M phosphate buffered saline, pH 7.3.

Working dilutions:

Immunohistochemistry: we suggest using a dilution of 1:10'000 (0.018 µg/ml) for immunostaining with the avidin-biotin method on cryostat or paraffin-sections of paraformaldehyde (4%) or formalin-fixed tissue.

Immunoblot: 1:1'000 to 1:5'000.

We recommend that the optimal dilutions be determined by titration experiments.

Storage

For long storage, keep small aliquots of 1-2 µl at - 80°C (or at least - 20°C). For continuous use keep diluted solutions at 4°C (with 0.01% Na-azide). Avoid repeated freezing and thawing.

References:

Porzig H., Li Z., Nicoll D.A., Philipson K.D. (1993) Mapping the cardiac sodium-calcium exchanger with monoclonal antibodies. Am. J. Physiol. 265:C78 -C756, 1993.