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Product Description Parvalbumin (recombinant)

Product: Rat parvalbumin (recombinant) produced in Escherichia Coli.

Lot No.: 3.'94

Form: lyophilized (10 or 100 µg in 100 µl of: 10 mM Tris-base, 70 mM NaCl, 1 mM EDTA, 1mM β-mercaptoethanol, pH 7.4).

Storage

Reconstitute with 10 or 100 µl bidistilled water. Freeze in small aliquots (e.g. 1 or 10 µg) and keep at -80°C. Avoid repeated freezing and thawing.

Description

This recombinant protein has been purified by FPLC.

This protein can be used for immunoblots, absorption experiments in immunohistochemistry, radioimmunoassay and intracellular injection.

For fluid-phase adsorption in immunohistochemistry we suggest the following procedure:

- Dilute 1 µl of the mon oclonal antibody 235 (Swant) against parvalbumin in 5 ml of the usual buffer for immunohistochemistry (final dilution 1:5'000).
- Add 1 µg of the recombinant protein to 1 ml of the diluted antibody solution and mix well.
- Incubate for at least 6 hours in the cold.
- Apply to tissue-sections and incubate for 3 days.
- Complete the immunohistochemical reaction as usual (biotinylated second antibody, ABC-complex, DAB).

As a result, the immunostaining should be strongly reduced or even completely prevented.