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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.