

Parvalbumin Rat Recombinant

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| Item Number | rAP-4524 |
| Synonyms | Pvalb, Pva, PALB1, Parvalbumin. |
| Description | Recombinant Rat Parvalbumin produced in E.Coli.The Rat Parvalbumin is purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | P02625 |
| Amino Acid Sequence | |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Parvalbumin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Parvalbumin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles. |
| Formulation and Purity | The protein was lyophilized from a concentrated solution (1mg/ml) without any additives. Greater than 90% as determined by SDS-PAGE. |
| Application | The Parvalbumin can be used for immunoblots, absorption experiments in immunohistochemistry, radioimmunoassay and intracellular injection.For fluid-phase adsorption in immunohistochemistry we suggest the following procedure:A- Dilute 1 µl of the monoclonal |
| Solubility | It is recommended to reconstitute the lyophilized Parvalbumin in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**