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# Parvalbumin Recombinant Mouse mAb

Catalog # AP96501

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Reactivity** | Rat, Human, Mouse |
| **Host** | Mouse |
| **Clonality** | Recombinant |
| **Physical State** | Liquid |
| **Isotype** | IgG1, Kappa |
| **Purity** | affinity purified by Protein G |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the parvalbumin family.Contains 2 EF-hand domains. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Belongs to the parvalbumin family. Contains 2 EF-hand domains. This protein binds two calcium ions. |

## Additional Information

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| **Other Names** | pvalb1; ATH; OCM2; D22S749; PV; Parv; Pva; PALB1; PRVA_HUMAN; PVALB; Alpha-parvalbumin (Alpha-PV); PRVA_MOUSE; PRVA_RAT; parvalbumin; parvalbumin alpha |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **Name** | Parvalbumin Recombinant Mouse mAb |
| **Function** | In muscle, parvalbumin is thought to be involved in relaxation after contraction. It binds two calcium ions. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.