

## Parvalbumin

**Cat.No. 195 011C5; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)**

### Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized, fluorescence-labeled with Oyster® 650. Rabbit serum albumin was added for stabilization. For reconstitution add 100 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Either add 1:1 (v/v) glycerol, then aliquot and store at -20°C until use, or store aliquots at -80°C without additives. Reconstitute immediately upon receipt! Avoid bright light when working with the antibody to minimize photo bleaching of the fluorescent dye. The mounting agent Aquatex® (Merck Chemicals) is not compatible with Oyster dyes!
Applications	<b>WB:</b> N/A <b>IP:</b> N/A <b>ICC:</b> not tested yet <b>IHC:</b> 1 : 200 up to 1 : 500 <b>IHC-P/FFPE:</b> not tested yet
Label	Oyster 650
Clone	58E1
Subtype	IgG1 (κ light chain)
Immunogen	Recombinant protein corresponding to AA 1 to 133 from rat Parvalbumin
Epitop	Epitop: AA 1 to 133 from rat Parvalbumin
Reactivity	Reacts with: rat (P02625), mouse (P32848). No signal: zebrafish. Other species not tested yet.
Specificity	Specific for Parvalbumin.
matching control	195-0P

**TO BE USED IN VITRO / FOR RESEARCH ONLY**  
**NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS**

**Parvalbumin** is a small, acidic, calcium binding protein and belongs to the family of EF hand proteins. The protein is found in skeletal muscle and the brain of vertebrates where it locates to a specific population of GABAergic interneurons. This subset of neurons may contribute to maintaining the balance between excitation and inhibition in the cortex and the hippocampus.

### Selected General References

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