Recombinant Parvalbumin / PVALB Antibody

Rabbit Monoclonal Antibody [Clone PVALB/12610R]

Catalog No	Format	Size
5816-RBM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5816-RBM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5816-RBM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

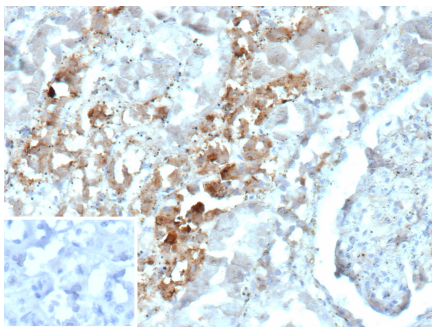
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	PVALB/12610R
Gene Name	PVALB
Immunogen	Recombinant full-length human PVALB protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	12kDa
Cellular Localization	Cell junction, Nucleus
Species Reactivity	Human
Positive Control	Human brain, heart or kidney.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Parvalbumin / PVALB Antibody



Formalin-fixed, paraffin-embedded human kidney stained with Parvalbumin Recombinant Rabbit Monoclonal Antibody (PVALB/12610R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Parvalbumin alpha is a low molecular weight calcium-bound albumin (usually 9-11 kDa), structurally related to calmodulin and troponin C, and is a stable protein involved in calcium signaling. Parvalbumin is involved in physiological processes such as cell cycle regulation, second messenger production, muscle contraction, microtubule organization and light conduction. Parvalbumin alpha is found in rapidly contracting muscles, where its levels are highest, as well as in the brain and some endocrine tissues. In normal kidneys, parvoprotein has been shown to be confined to distal tubule cells and collecting tubule cells (intercellular cells).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Neuroscience

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.