

Calretinin / Calbindin 2 (Mesothelioma Marker) Antibody

Mouse Monoclonal Antibody [Clone BICCN-CALB2-1D8]

Catalog No	Format	Size
794-MSM22-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
794-MSM22-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
794-MSM22-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	

Product Details

Clone	BICCN-CALB2-1D8
Immunogen	Recombinant fragment (around aa 132-264) of human CALB2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	31.54kDa
Cellular Localization	Cell projection, Dendrite, Synapse
Species Reactivity	Human
Positive Control	Brain

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

Product Images for Calretinin / Calbindin 2 (Mesothelioma Marker) Antibody

Specificity & Comments

Calcium-binding protein involved in calcium homeostasis and signal transduction. It plays a critical role in buffering intracellular calcium levels and modulating calcium-dependent signaling pathways (PubMed:2001709). Predominantly expressed in specific neuronal populations, influences synaptic plasticity and neuronal excitability, contributing to learning and memory (By similarity). During embryonic development, it facilitates neuronal differentiation and maturation (By similarity).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein 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.

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.