

Calretinin Rabbit mAb

Catalog No: #49612

Package Size: #49612-1 50ul #49612-2 100ul

Description

Product Name	Calretinin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM12-93
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	29 kDa calbindin antibody CAB 29 antibody CAB29 antibody CAL 2 antibody CAL2 antibody CALB 2 antibody CALB2 antibody CALB2_HUMAN antibody Calbindin 2 29kDa antibody Calbindin 2 antibody Calbindin D29K antibody Calbindin2 antibody Calretinin antibody CR antibody
Accession No.	Swiss-Prot#:P22676
Calculated MW	31 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500IHC: 1:50-1:200

Background

Calbindin D28K and Calretinin (also designated CR or 29 kDa Calbindin) are two closely related intracellular calcium-binding proteins belonging to the Troponin-C superfamily. Initially isolated from chick retina, Calretinin shares 58% identical residues with human Calbindin D28K. Calretinin is expressed in the brain and is particularly abundant in auditory neurons with precisely timed discharges. Neurons in the nucleus accumbens containing Calretinin all possess nuclear indentations. Calretinin-immunoreactive boutons form asymmetrical and symmetrical synaptic specializations on spines, dendrites and somata. The symmetrical synaptic specializations have medium-sized spiny neurons and contact other Calretinin-immunoreactive somata. Calretinin is widely used as a immunocytochemical marker for mesothelioma.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.