

Rabbit Monoclonal Antibody to Human Calretinin

Catalog No.:	RMPD 010
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Recombinant full-length mouse calretinin protein.
Clone:	S13
Isotype:	IgG
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody recognizes a 31.5 kD protein named Calretinin an intracellular calcium-binding protein belonging to the troponin C superfamily characterized by a structural motif described as the EF-hand domain. Immunohistochemical detection of calretinin in developing cerebellum is restricted to the later stages indicated by weak staining from week 21 of gestation, in Purkinje and basket cells, and in neurons of the dentate nucleus. Intensity of staining increases as the cerebellum matures. In tumors calretinin has been detected in mesotheliomas and some pulmonary adenocarcinomas. This antibody crossreacts with Human, Monkey, Mouse, Rat.
Positive Control:	Mesothelioma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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