

Rabbit Polyclonal Antibody to Calretinin

Catalog No.:	RP 043, RP 043-05
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.
Host:	Rabbit
Format:	Affinity purified rabbit antiserum against Calretinin containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature or overnight at 4 degrees Celsius. 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 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	The antibody is specific against a calcium binding protein called calretinin. This antibody reacts specifically with calretinin in tissue originating from human, rat and mouse. Calretinin is an intracellular calcium-binding protein belonging to the troponin C superfamily. Calretinin has been detected in mesotheliomas and some pulmonary adenocarcinomas.
Positive Control:	Mesothelioma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	(i) Doglioni et al. Am J Surg Pathol 20: 1037, 1996. (ii) Rogers J. J Cell Biol 105: 1343, 1987. (iii) Schwaller et al. Cell Calcium 14: 639, 1993.

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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