Best Tools for immunology Research

Calretinin (ABT-Calret 1) mouse mAb

Catalog No :	YM4902
Reactivity :	Human;Mouse;Rat;
Applications :	IHC;WB;IF;ELISA
Target :	Calretinin
Gene Name :	CALB2 CAB29
Protein Name :	Calretinin (CR) (29 kDa calbindin)
Human Gene Id :	794
Human Swiss Prot No :	P22676
Immunogen :	Recombinant protein
Specificity :	The antibody can specifically recognize human Calretinin protein.
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Mouse, Monoclonal/IgG2a, kappa
Dilution :	IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
Purification :	Protein G
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	31kD
Observed Band :	29kD

Background : Calretinin belongs to the excitatory protein C superfamily. It is a calcium binding protein with a molecular weight of 29 kDa, which is abundant in neurons. Calretinin expressed tumors include mesothelioma, cardiac myxoma, ovarian sex cord stromal tumor, ameloblastoma, thymic papillary carcinoma and so on. The

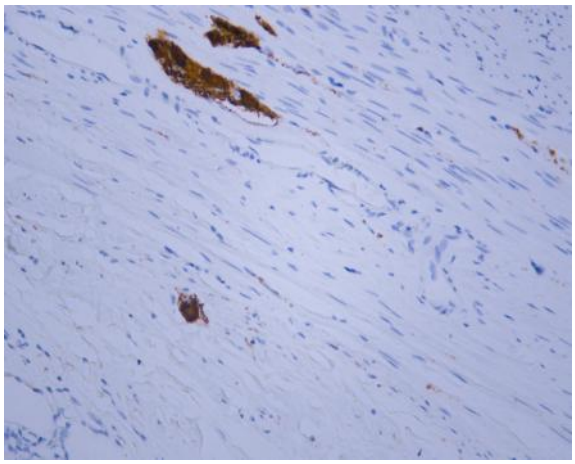
staining sites are cytoplasm and nucleus, with or without membrane positive. Nuclear staining is a necessary special expression of mesothelioma. It is suggested to be used in the differential diagnosis of epithelial malignant mesothelioma and malignant lung adenocarcinoma.

Function : function:Calretinin is a calcium-binding protein which is abundant in auditory neurons.,online information:Calbindin entry,similarity:Belongs to the calbindin family.,similarity:Contains 6 EF-hand domains.,tissue specificity:Brain.,

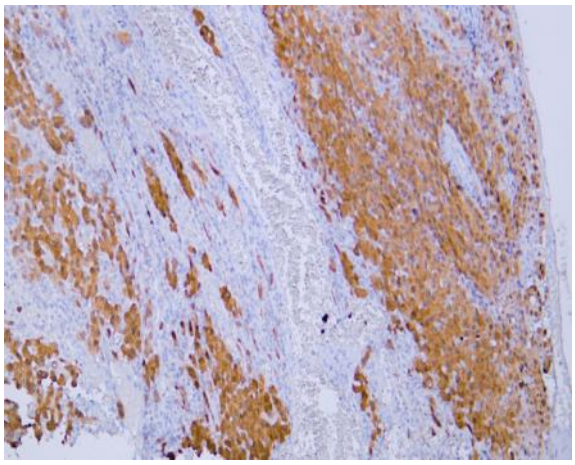
Subcellular Location : Cytoplasmic, Nuclear

Expression : Brain.

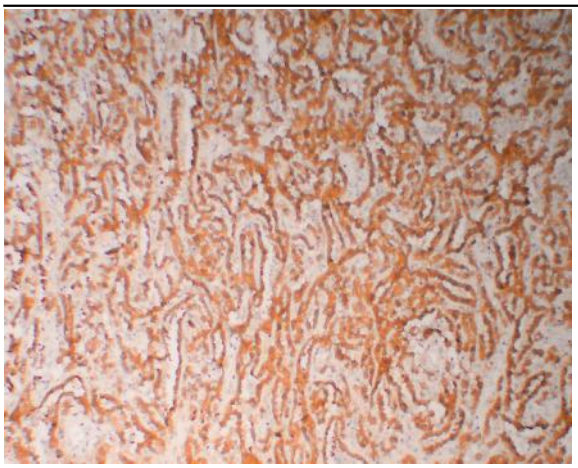
Products Images



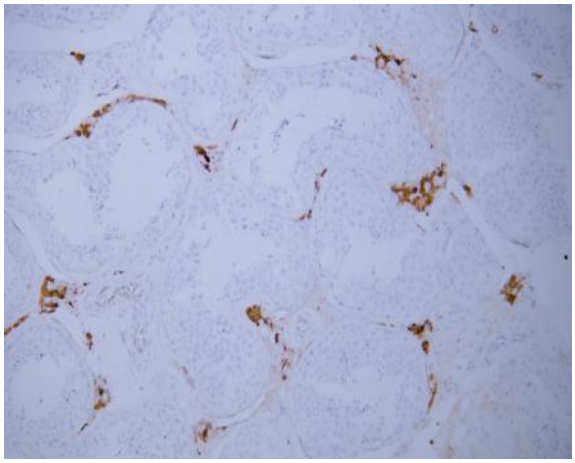
Human appendix tissue was stained with anti-Calretinin(ABT-Calret 1) antibody.



Human mesothelioma tissue was stained with anti-Calretinin(ABT-Calret 1) antibody.



Human mesothelioma tissue was stained with anti-Calretinin(ABT-Calret 1) antibody.



Human testis tissue was stained with anti-Calretinin(ABT-Calret 1) antibody.