

Calretinin (AB1495) mouse mAb

W0440

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 31 kDa (calculated)
- 29 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1495
Immunogen	Recombinant protein of the human Calretinin protein.
Specificity	The antibody can specifically recognize human Calretinin protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	CALB2		
Protein Name	Calretinin		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P22676	794

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.
-------------------	---