

Calretinin (AB1495) mouse mAb

V0014

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 31 kDa (calculated)
- kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

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.