

A Reliable Research Partner in Life Science and Medicine

Recombinant Carbonic Anhydrase 9 Monoclonal Antibody

catalog number: AN301053L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Carbonic Anhydrase 9 protein

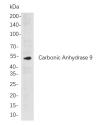
HostRabbitIsotype IgG,κ CloneB808PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1000 WB 1:1000-5000

Data



Immunohistochemistry of paraffin-embedded human colon

Western Blot with Recombinant Carbonic Anhydrase 9
Monoclonal Antibody at dilution of 1:1000 dilution. Lane A:
PC-12 cells.

carcinoma tissue using Recombinant Carbonic Anhydrase 9

Monoclonal Antibody at dilution of 1:200.

Observed-MW:49 kDa Calculated-MW:49 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

Carbonic anhydrases (CAs) are a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. They participate in a variety of biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. They show extensive diversity in tissue distribution and in their subcellular localization. CAIX is a transmembrane protein and the only tumor-associated carbonic anhydrase isoenzyme known. It is expressed in all clear-cell renal cell carcinoma, but is not detected in normal kidney or most other normal tissues. It may be involved in cell proliferation and transformation.

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