

A Reliable Research Partner in Life Science and Medicine

# Recombinant Carbonic Anhydrase II/CA2 Monoclonal Antibody

catalog number: AN300190P

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

### **Description**

Reactivity Human

Immunogen Recombinant Human Carbonic Anhydrase II / CA2 protein

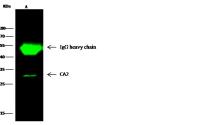
HostRabbitIsotypeIgGCloneB108PurificationProtein A

Buffer 0.2 µm filtered solution in PBS

## Applications Recommended Dilution

WB 1:10000-1:50000IP 1-4 μL/mg of lysate

#### Data



Immunoprecipitation analysis using 2 µL anti-CA2

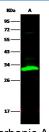
Monoclonal Antibody and 15 µl of 50 % Protein G agarose.

Western blot was performed from the immunoprecipitate using CA2 Monoclonal Antibody at a dilution of 1:2000. Lane

A:0.5 mg 293T Whole Cell Lysate

Observed-MW:29 kDa

Observed-MW:29 kDa Calculated-MW:29 kDa



Western Blot with Carbonic Anhydrase II / CA2 Monoclonal Antibody at dilution of 1:10000. Lane A: 293T Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:29 kDa Calculated-MW:29 kDa

Rev. V1.2

### **Preparation & Storage**

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

# **Background**

The protein encoded by this gene is one of several isozymes of carbonic anhydrase, which catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Two transcript variants encoding different isoforms have been found for this gene.

## For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com