

# Anti-Carbonic Anhydrase II antibody



Catalog Number: 100561

## Product name

Anti-Carbonic Anhydrase II antibody

## Immunogen

[Human Carbonic Anhydrase II \(His Tag\) recombinant protein](#)

## Specificity

Human Carbonic Anhydrase II / CA2

## Antibody description

Rabbit monoclonal to Carbonic Anhydrase II

## Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase II / CA2 (rh Carbonic Anhydrase II / CA2; NP\_000058.1; Met1-Lys260).

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## 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.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Rabbit IgG

## Applications

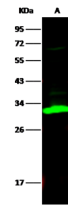
WB, IP

## Dilutions

WB: 0.1-0.2 µg/mL

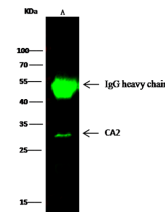
IP: 4-6 µg/mg of lysate

## Validations



Items	Lanes	A
Sample (whole cell lysate)		293T
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		0.1-0.2 µg/ml
Secondary Antibody		Dylight 800 labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.

## Carbonic Anhydrase II / CA2 Antibody, Rabbit



Items	Lanes	A
Sample (whole cell lysate)		293T
Sample quantity		0.5 mg
IP antibody quantity		2 µg
Protein G agarose		15 µl of 50% Protein G Agarose
Gel		13% SDS-PAGE reducing gel
Primary antibody		CA2 antibody at 0.5 µg/ml [Cat# 10478-R001]
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.

MAb, Western blot

Carbonic Anhydrase II / CA2 Antibody, Rabbit MAb, Immunoprecipitation