

# Anti-Carbonic Anhydrase IV / Car4 / CA4 antibody



Catalog Number: 100708

## Product name

Anti-Carbonic Anhydrase IV / Car4 / CA4 antibody

## Ig Type

Rabbit IgG

## Immunogen

[Human Carbonic Anhydrase IV / Car4 / CA4 \(His Tag\) recombinant protein](#)

## Applications

ELISA, IHC-P

## Specificity

Human Carbonic Anhydrase IV / CA4  
**No cross-reactivity** in ELISA with Human CA2; Human CA3; Human CA5A; Human CA5B; Human CA8; Human CA9; Human CA10; Human CA12; Human CA13; Human CA14

## Dilutions

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human Carbonic Anhydrase 4 / CA4. The detection limit for Human Carbonic Anhydrase 4 / CA4 is approximately 0.039 ng/well.

## Antibody description

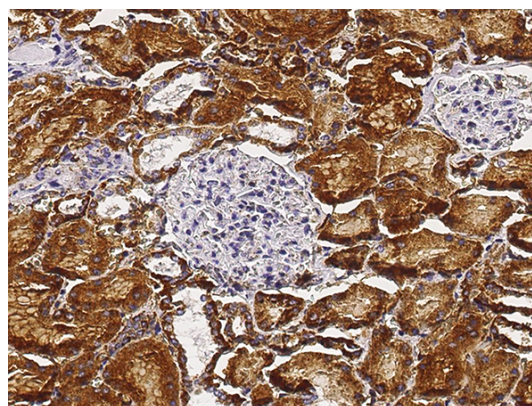
Rabbit monoclonal to Carbonic Anhydrase IV / Car4 / CA4

IHC-P: 1-10 µg/mL

## Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase IV / CA4 (rh Carbonic Anhydrase IV / CA4; NP\_000708.1; Met1-Lys283).

## Validations



## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Carbonic Anhydrase IV / CA4 Antibody, Rabbit MAbs, Immunohistochemistry

## 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.

Immunochemical staining of human CA4 in human kidney with rabbit monoclonal antibody (5 µg/mL, formalin-fixed paraffin embedded sections). Positive staining was localized to renal tubules.

## Clonality

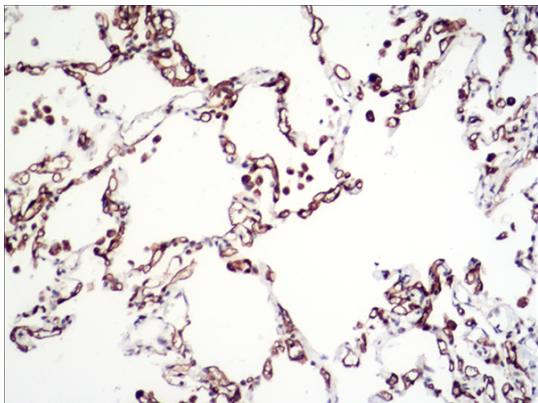
Monoclonal

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Carbonic Anhydrase IV / CA4 Antibody, Rabbit MAb, Immunohistochemistry

Immunochemical staining of human CA4 in human lung with rabbit monoclonal antibody (5  $\mu\text{g/mL}$ , formalin-fixed paraffin embedded sections). Positive staining was localized to pulmonary capillaries.