# Anti-Carbonic Anhydrase IV / Car4 / CA4 antibody

Catalog Number: 100708

**Product name**

Anti-Carbonic Anhydrase IV / Car4 / CA4 antibody

**Immunogen**

Human Carbonic Anhydrase IV / Car4 / CA4 (His Tag) recombinant protein

**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

**Antibody description**

Rabbit monoclonal to Carbonic Anhydrase IV / Car4 / CA4

**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).

**Formulation**

0.2 µm filtered solution in PBS with 5% trehalose

**Storage**

This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. 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**

ELISA, IHC-P

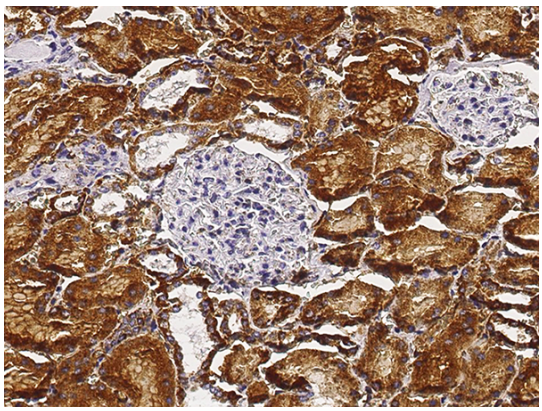
**Dilutions**

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.

IHC-P: 1-10 µg/mL

**Validations**



Carbonic Anhydrase IV / CA4 Antibody, Rabbit MAb, Immunohistochemistry

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.

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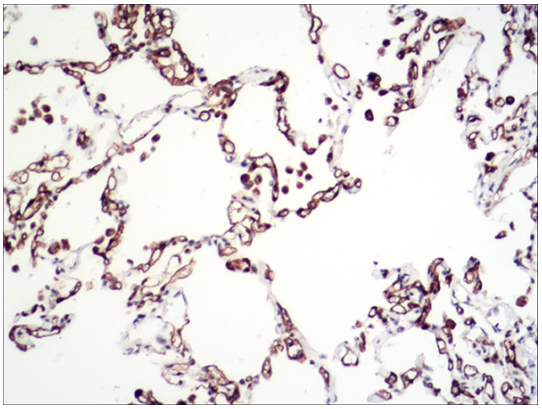

Carbonic Anhydrase IV / CA4 Antibody, Rabbit MAb, Immunohistochemistry

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