

# Carbonic Anhydrase VIII / CA8 Antibody, Rabbit MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 10469-R008

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| GENERAL INFORMATION       |   |
|---------------------------|---|
| Immunogen:                | Recombinant Human Carbonic Anhydrase VIII / CA8 protein (Catalog#10469-H08E)  |
| Preparation               | This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase VIII / CA8 (rh Carbonic Anhydrase VIII / CA8; Catalog#10469-H08E; NP_004047.3; Met1-Gln290).   |
| Ig Type:                  | Rabbit IgG  |
| Clone ID:                 | 008   |
| Specificity:              | Human Carbonic Anhydrase VIII / CA8   |
| Formulation:              | 0.2 µm filtered solution in PBS   |
| 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.<br>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. |
| APPLICATIONS              |   |
| Applications:             | WB, IP  |
| RECOMMENDED CONCENTRATION |   |
| Western Blot              | WB: 1:500-1:1000  |
| Immunoprecipitation       | IP: 0.2-1 µL/mg of lysate   |

**Please Note: Optimal concentrations/dilutions should be determined by the end user.**

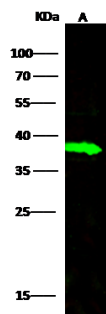
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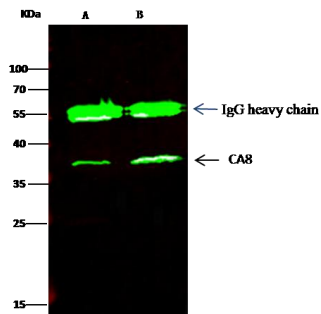


Anti-CA8 rabbit monoclonal antibody at 1:500 dilution  
Lane A: A549 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.  
Secondary  
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.  
Performed under reducing conditions.

Predicted band size: 33 kDa  
Observed band size: 38 kDa



CA8 was immunoprecipitated using:  
Lane A: 0.5 mg Hela Whole Cell Lysate  
Lane B: 0.5 mg A549 Whole Cell Lysate

0.5 µL anti-CA8 rabbit monoclonal antibody  
and 15 µl of 50 % Protein G agarose.

Primary antibody:  
Anti-CA8 rabbit monoclonal antibody, at 1:150 dilution

Secondary antibody:  
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.  
Performed under reducing conditions.

Predicted band size: 37 kDa  
Observed band size: 37 kDa