

# ACE Polyclonal Antibody

| Product Details    |   |
|--------------------|---|
| Size               | 100 µg  |
| Species Reactivity | Mouse   |
| Host/Isotype       | Goat / IgG  |
| Class              | Polyclonal  |
| Type               | Antibody  |
| Conjugate          | Unconjugated  |
| Immunogen          | Mouse myeloma cell line NS0-derived recombinant mouse ACE/CD143 Leu35-Gln1264 |
| Form               | Lyophilized   |
| Concentration      | 0.2 mg/mL   |
| Purification       | Antigen affinity chromatography   |
| Storage buffer     | PBS with 5% trehalose   |
| Contains           | No Preservative   |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles  |
| RRID               | AB_2609583  |

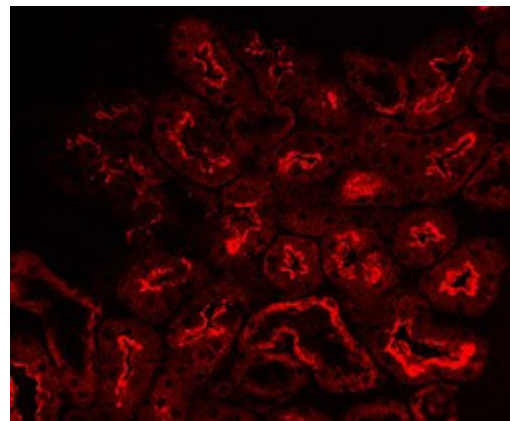
| Applications                            | Tested Dilution               | Publications |
|---|-------------------------------|--------------|
| Western Blot (WB)                       | 0.05 µg/mL                    | -            |
| Immunohistochemistry (Frozen) (IHC (F)) | 5-15 µg/mL                    | -            |
| Flow Cytometry (Flow)                   | 0.25 µg/10 <sup>6</sup> cells | -            |
| Immunoprecipitation (IP)                | 25 µg/mL                      | -            |

## Product Specific Information

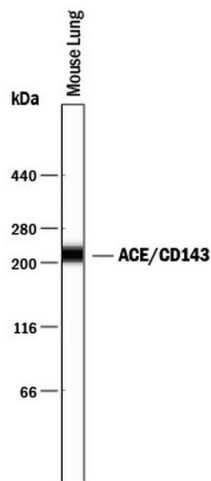
In Western blots, approximately 25% cross-reactivity with recombinant human ACE and 5% cross-reactivity with recombinant human ACE-2 is observed.

Reconstitute at 0.2 mg/mL in sterile PBS.

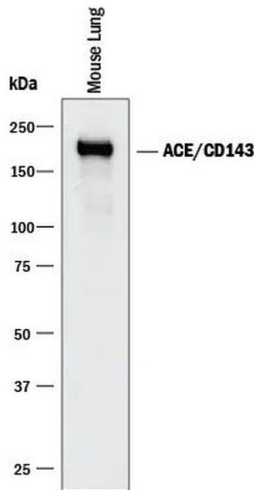
Product Images For ACE Polyclonal Antibody



**ACE Antibody (PA5-47146) in IHC (F)**  
Immunohistochemical analysis of ACE in perfusion fixed frozen sections of mouse kidney. Samples were incubated in ACE polyclonal antibody (Product # PA5-47146) using a dilution of 15 µg/mL overnight at 4 °C. Tissue was stained (red).



**ACE Antibody (PA5-47146) in WB**  
Western blot analysis of ACE in 0.2 mg/mL lysates of mouse lung tissue. Samples were incubated in ACE polyclonal antibody (Product # PA5-47146) using a dilution of 10 µg/mL followed by HRP-conjugated Anti-Goat IgG at a dilution of 0.0763888888888889. A specific band was detected for ACE/CD143 at approximately 218 kDa (as indicated). This experiment was conducted under reducing conditions and using the 66-440 kDa separation system.



**ACE Antibody (PA5-47146) in WB**  
Western blot analysis of ACE in mouse lung tissue. Samples were incubated in ACE polyclonal antibody (Product # PA5-47146) using a dilution of 0.05 µg/mL followed by a HRP-conjugated Anti-Goat IgG secondary antibody. A specific band was detected for ACE/CD143 at approximately 180 kDa (as indicated). This experiment was conducted under reducing conditions.

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