

Datasheet for ABIN905730  
**anti-MAS1 antibody (PE-Cy5.5)**



[Go to Product page](#)

## Overview

|              |                                              |
|--------------|----------------------------------------------|
| Quantity:    | 100 µL                                       |
| Target:      | MAS1                                         |
| Reactivity:  | Human, Mouse, Rat, Guinea Pig, Cow, Dog, Pig |
| Host:        | Rabbit                                       |
| Clonality:   | Polyclonal                                   |
| Conjugate:   | This MAS1 antibody is conjugated to PE-Cy5.5 |
| Application: | Western Blotting (WB)                        |

## Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MAS1 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse                                             |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig            |
| Purification:         | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | MAS1                                                                                                                                         |
| Alternative Name: | MAS1 ( <a href="#">MAS1 Products</a> )                                                                                                       |
| Background:       | Synonyms: MAS, MGRA, Proto-oncogene Mas, MAS1<br>Background: Receptor for angiotensin 1-7 (By similarity). Acts specifically as a functional |

## Target Details

antagonist of AGTR1 (angiotensin-2 type 1 receptor), although it up-regulates AGTR1 receptor levels. Positive regulation of AGTR1 levels occurs through activation of the G-proteins GNA11 and GNAQ, and stimulation of the protein kinase C signaling cascade. The antagonist effect on AGTR1 function is probably due to AGTR1 being physically altered by MAS1.

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 37kDa                                                                                                |
| Gene ID:          | 4142                                                                                                 |
| UniProt:          | <a href="#">P04201</a>                                                                               |
| Pathways:         | <a href="#">ACE Inhibitor Pathway</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 µg/µL                                                                                                                |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.            |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                      |
| Expiry Date:       | 12 months                                                                                                              |