

Datasheet for ABIN204255  
**anti-HMOX1 antibody (AA 1-261)**



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## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µg                               |
| Target:              | HMOX1                                |
| Binding Specificity: | AA 1-261                             |
| Reactivity:          | Human                                |
| Host:                | Rat                                  |
| Clonality:           | Monoclonal                           |
| Conjugate:           | This HMOX1 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA         |

## Product Details

|               |                                                                                       |
|---------------|---------------------------------------------------------------------------------------|
| Immunogen:    | E. coli-derived from recombinant human Heme Oxygenase 1 (aa1-261) Accession # P09601. |
|               | Type of Immunogen: Recombinant protein                                                |
| Isotype:      | IgG2b                                                                                 |
| Specificity:  | Recognizes human HO-1. Species cross-reactivity: mouse.                               |
| Purification: | Protein G purified                                                                    |

## Target Details

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Target:           | HMOX1                                           |
| Alternative Name: | HMOX1 / HO-1 ( <a href="#">HMOX1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: HMOX1<br><br>Synonyms: HMOX1, BK286B10, HO-1, HSP32, Heat shock protein, 32-kD, Heme oxygenase (decycling) 1, Heme oxygenase 1, HO1                                                                                                                                                    |
| Gene ID:    | 3162                                                                                                                                                                                                                                                                                                 |
| UniProt:    | <a href="#">P09601</a>                                                                                                                                                                                                                                                                               |
| Pathways:   | <a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> |

## Application Details

|                    |                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA, WB (1 µg/mL)<br><br>Usage: Suitable for use in Western Blot and ELISA. Western Blot: 1 µg/mL. |
| Comment:           | Target Species of Antibody: Human                                                                              |
| Restrictions:      | For Research Use only                                                                                          |

## Handling

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                           |
| Reconstitution:  | deionized water                                                                       |
| Concentration:   | Lot specific                                                                          |
| Buffer:          | Lyophilized.                                                                          |
| Storage:         | 4 °C, -20 °C                                                                          |
| Storage Comment: | Short-term: 4°C, Long-term: Add sterile 40-50% glycerol, aliquot, and store at -20°C. |