

Datasheet for ABIN7154955  
**anti-HMOX2 antibody (AA 2-293)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	HMOX2
Binding Specificity:	AA 2-293
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMOX2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Heme oxygenase 2 protein (2-293AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HMOX2
Alternative Name:	HMOX2 ( <a href="#">HMOX2 Products</a> )
Background:	Background: Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under

## Target Details

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physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed. Heme oxygenase 2 could be implicated in the production of carbon monoxide in brain where it could act as a neurotransmitter.

Aliases: Heme oxygenase (decycling) 2 antibody, Heme oxygenase (decyclizing) 2 antibody, Heme oxygenase 2 antibody, HMOX 2 antibody, Hmox2 antibody, HMOX2 protein antibody, HMOX2\_HUMAN antibody, HO 2 antibody, HO-2 antibody, HO2 antibody, OTTHUMP00000159847 antibody

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UniProt: [P30519](#)

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Pathways: [Transition Metal Ion Homeostasis](#)

## Application Details

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Application Notes: Recommended dilution: IF:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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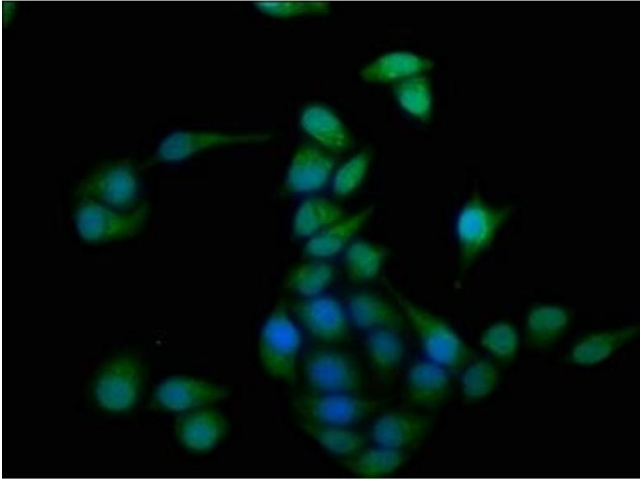
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunofluorescence

**Image 1.** Immunofluorescence staining of HeLa cells with ABIN7154955 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).