

# Human Heme Oxygenase 1 Antibody Pair - BSA and Azide free ab241798

重组

RabMAb

5 图像

## 概述

产品名称	人Heme Oxygenase 1抗体Pair - BSA and Azide free
检测类型	ELISA set
范围	62.5 pg/ml - 4000 pg/ml
种属反应性	与反应: Human
产品概述	<p>The Antibody Pair can be used to quantify Human Heme Oxygenase 1. BSA and Azide free antibody pairs include unconjugated capture and detector antibodies suitable for sandwich ELISAs. The antibodies are provided at an approximate concentration of 1 mg/ml as measured by the protein A280 method. The recommended antibody orientation is based on internal optimization for ELISA-based assays. Antibody orientation is assay dependent and needs to be optimized for each assay type. Both capture and detector antibodies are rabbit monoclonal antibodies delivering consistent, specific, and sensitive results.</p> <p>For additional information on the performance of the antibody pair, see the equivalent SimpleStep ELISA® Kit (<a href="#">ab207621</a>), which uses the same antibodies. However, due to differences in their formulation, this antibody pair cannot be used with the consumables provided with our SimpleStep ELISA Kits. Please note that the range provided for the pairs is only an estimation based on the performance of the related product using the same antibody pair. Performance of the antibody pair will depend on the specific characteristics of your assay. We guarantee the product works in sandwich ELISA, but we do not guarantee the sensitivity or dynamic range of the antibody pair in your assay.</p>
经测试应用	适用于: Sandwich ELISA
平台	Reagents

## 性能

存放说明	Store at +4°C. Please refer to protocols.
无载体	是

组件	10 x 96 tests
Human Heme Oxygenase 1 Capture Antibody (unconjugated)	1 x 100µg
Human Heme Oxygenase 1 Detector Antibody (unconjugated)	1 x 100µg

功能	Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed.
序列相似性	Belongs to the heme oxygenase family.
细胞定位	Microsome. Endoplasmic reticulum.

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab241798于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

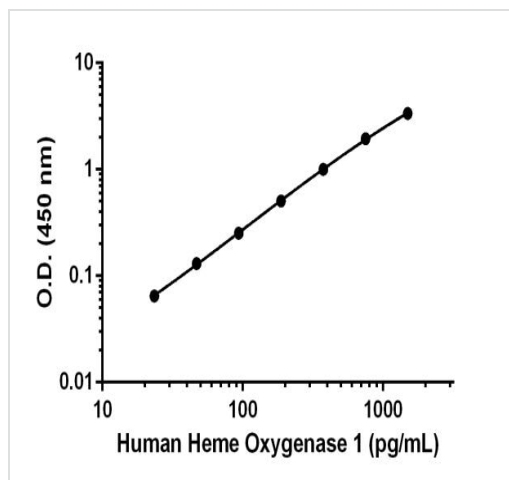
应用	Ab评论	说明
Sandwich ELISA		Use at an assay dependent concentration.

图片

Standard Curve Measurements			
Concentration (pg/ml)	O.D 450 nm		Mean O.D
	1	2	
0	0.058	0.058	0.058
23.44	0.100	0.099	0.099
46.88	0.134	0.135	0.135
93.75	0.200	0.202	0.201
187.5	0.356	0.346	0.351
375	0.646	0.632	0.639
750	1.247	1.213	1.230
1,500	2.416	2.362	2.389

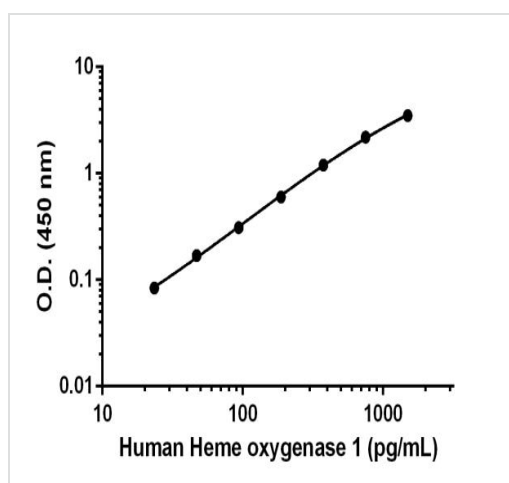
Sandwich ELISA - Human Heme Oxygenase 1  
Antibody Pair - BSA and Azide free (ab241798)

Representative standard curve from corresponding SimpleStep ELISA® Kit ([ab207621](#)), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.



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Standard Curve Measurements			
Concentration (pg/ml)	O.D 450 nm		Mean O.D
	1	2	
0	0.071	0.071	0.071
23.44	0.103	0.107	0.105
46.88	0.155	0.136	0.146
93.75	0.216	0.213	0.215
187.5	0.361	0.362	0.362
375	0.641	0.656	0.649
750	1.284	1.242	1.263
1,500	2.558	2.408	2.483

Sandwich ELISA - Human Heme Oxygenase 1  
Antibody Pair - BSA and Azide free (ab241798)

Representative standard curve from corresponding SimpleStep ELISA® Kit (**ab207621**), which uses the same antibody pair. For additional information on the performance of pair and kit, refer to the corresponding kit datasheet. Due to differences in the formulation and format of the antibodies in this pair, they cannot be used as substitutes for the antibody components in our SimpleStep ELISA® Kits.

Powered by  
recombinant antibodies



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Sandwich ELISA - Human Heme Oxygenase 1  
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To learn more about the advantages of recombinant antibodies see [here](#).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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