


# Anti-Metallothionein antibody ab192385

★★★★☆ [1 Abreviews](#) [6 References](#) [2 图像](#)

### 概述

产品名称	Anti-Metallothionein抗体
描述	兔多克隆抗体to Metallothionein
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Human 预测可用于: Dog, Pig, Cynomolgus monkey, Orangutan 
免疫原	Recombinant full length protein corresponding to Human Metallothionein aa 1 to the C-terminus. Database link: <a href="#">P02795</a>

 [Run BLAST with](#)

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### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide Constituents: 49% PBS, 50% Glycerol
纯度	Immunogen affinity purified
纯化说明	ab192385 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
克隆	多克隆
同种型	IgG

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab192385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
IHC-P	★★★★☆ (1)	Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 6 kDa.

## 靶标

### 功能

Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.

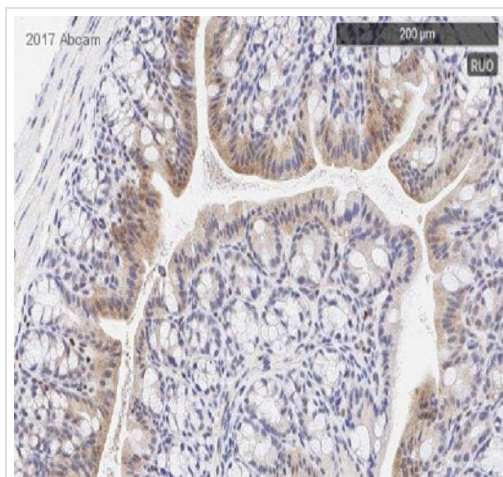
### 序列相似性

Belongs to the metallothionein superfamily. Type 1 family.

### 结构域

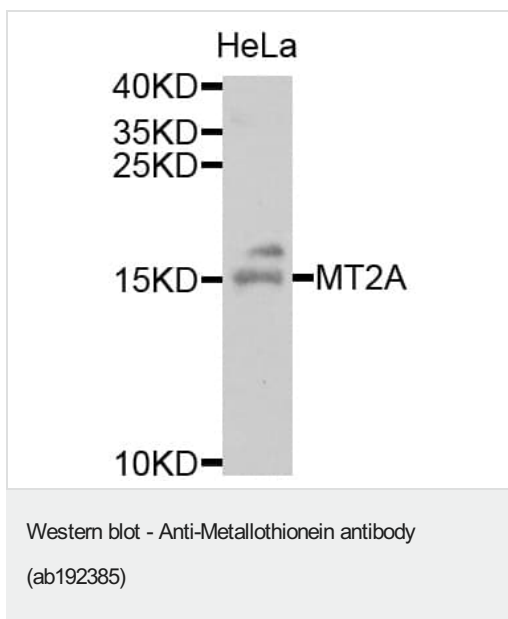
Class I metallothioneins contain 2 metal-binding domains: four divalent ions are chelated within cluster A of the alpha domain and are coordinated via cysteinyl thiolate bridges to 11 cysteine ligands. Cluster B, the corresponding region within the beta domain, can ligate three divalent ions to 9 cysteines.

## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Metallothionein antibody (ab192385)

ab192385 staining Metallothionein in Mouse colon tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with [ab64226](#) for 10 minutes at room temperature; antigen retrieval was by heat mediation. Samples were incubated with primary antibody (1/150) for 30 minutes. An undiluted HRP-conjugated Goat polyclonal (1/250) was used as the secondary antibody



Western blot analysis of extracts of HeLa cells using ab192385.

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

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