

Anti-Metallothionein antibody ab36882

2 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: ELISA, WB
种属反应性	与反应: Atlantic cod
免疫原	Metallothionein purified from liver of Atlantic cod (Gadus morhua).
阳性对照	WB: Liver S9 fractions.
常规说明	<p>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.</p> <p>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</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: 1.64% Sodium phosphate, 1% BSA, 0.87% Sodium chloride</p>
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab36882于以下的经测试应用

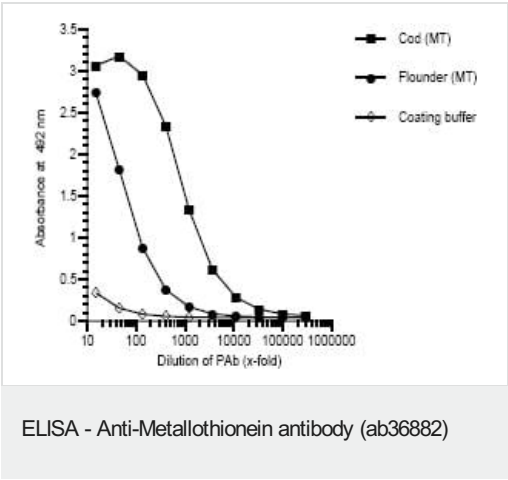
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		1/50 - 1/1000. Not recommended for coating due to the BSA content.
WB		1/50 - 1/1000. Detects a band of approximately 15 kDa (predicted molecular weight: 6 kDa).

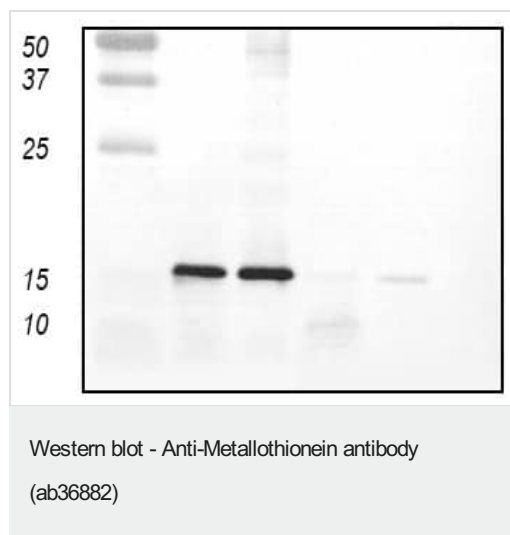
靶标

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



Ab36882, at a concentration of 1 µg/ml, staining Metallothionein by ELISA. Coating buffer was used as a negative control.



All lanes : Anti-Metallothionein antibody (ab36882) at 1/500 dilution

Lane 2 : Purified metallothionein from Atlantic cod at 0.25 µg

Lane 3 : Liver S9 fractions from cadmium treated Atlantic cod at 2.5 µg

Lane 4 : Liver S9 fractions from cadmium treated Whiting at 2.5 µg

Lane 5 : Liver S9 fractions from cadmium treated Yellow gurnard at 2.5 µg

Lane 6 : Liver S9 fractions from cadmium treated Flounder at 2.5 µg

Predicted band size: 6 kDa

Observed band size: 15 kDa

Lane 1 represents the molecular weight standard.

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

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