

# Anti-Metallothionein antibody ab36882

**2 References** [画像数 2](#)

### 製品の概要

---

製品名	Anti-Metallothionein antibody
製品の詳細	Rabbit polyclonal to Metallothionein
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ELISA, WB
種交差性	<b>交差種:</b> Atlantic cod
免疫原	Metallothionein purified from liver of Atlantic cod (Gadus morhua).
ポジティブ・コントロール	WB: Liver S9 fractions.
特記事項	<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&amp;As</p>

### 製品の特性

---

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: 1.64% Sodium phosphate, 1% BSA, 0.87% Sodium chloride
精製度	Protein G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

---

**The Abpromise guarantee**

**Abpromise保証は、次のテスト済みアプリケーションにおけるab36882の使用に適用されます**

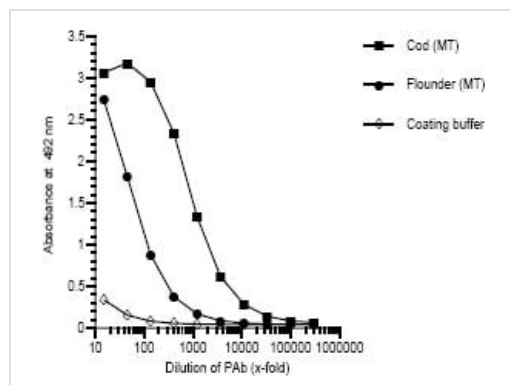
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
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).

## ターゲット情報

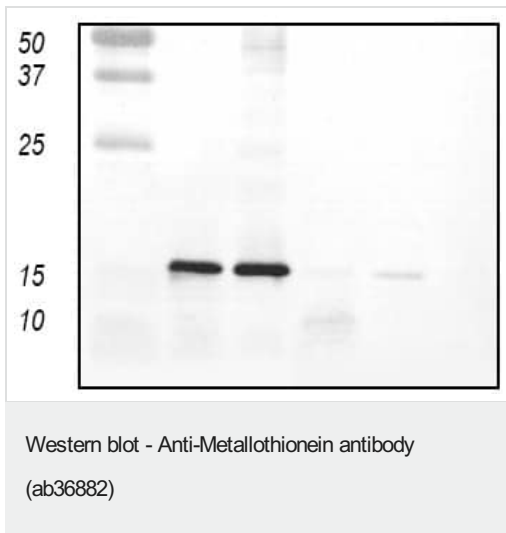
機能	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
配列類似性	Belongs to the metallothionein superfamily. Type 1 family.
ドメイン	Class I metallothioneins contain 2 metal-binding 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.

## 画像



ELISA - Anti-Metallothionein antibody (ab36882)

Ab36882, at a concentration of 1  $\mu\text{g/ml}$ , 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"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.co.jp/abpromise> or contact our technical team.

### Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors