abcam

Product datasheet

# Anti-IgA antibody [KT41] ab106731

画像数 2

## 製品の概要

| | |
|---|---|
| **製品名** | Anti-IgA antibody [KT41] |
| **製品の詳細** | Mouse monoclonal [KT41] to IgA |
| **由来種** | Mouse |
| **特異性** | ab106731 does not cross-react with Human IgG and anti-NP IgG1, IgG2, IgG3, IgG4, IgE and IgM |
| **アプリケーション** | **適用あり:** Sandwich ELISA |
| **種交差性** | **交差種:** Human |
| **免疫原** | Fusion protein corresponding to Human IgA.<br>Database link: **P01876** |
| **特記事項** | 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.<br>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 |

## 製品の特性

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|---|---|
| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **バッファー** | Preservative: 0.1% Sodium azide<br>Constituent: PBS |
| **精製度** | Protein A purified |
| **ポリ/モノ** | モノクローナル |
| **クローン名** | KT41 |
| **アイソタイプ** | IgG1 |

## 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ab106731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検討ください。**

| アプリケーション | Abreviews | 特記事項 |
|---|---|---|
| **Sandwich ELISA** | | Use a concentration of 5 µg/ml.<br>Can be used as capture antibody when paired with **ab106765**. |

## ターゲット情報

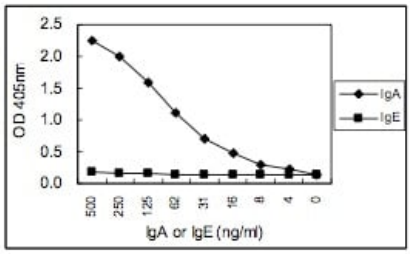
**関連性**

Human IgA (immunoglobulin A) is a glycosylated protein of 160 kDa and is produced as a monomer or as a J chain linked dimer. Monomeric IgA constitutes 5-15 % of the serum immunoglobulins whereas dimeric IgA is localized to mucosa surfaces such as saliva, gastrointestinal secretion, bronchial fluids and milk. Mucosal IgA plays a major role in host defence by neutralising infectious agents at mucosal surfaces. The production is usually local and antigen specific IgA producing B cells can be found in regions under the lamina propria where they mature into dimeric IgA producing plasma cells. IgA deficiency is the most common immunodeficiency that may affect both serum and mucosal produced IgA. OR: The secretory component is a component of immunoglobulin A (IgA) which consists of a portion of the polymeric immunoglobulin receptor. Polymeric IgA binds to the polymeric immunoglobulin receptor on the basolateral surface of epithelial cells and is taken up into the cell via transcytosis. The receptor-IgA complex passes through the cellular compartments before being secreted on the luminal surface of the epithelial cells, still attached to the receptor. Proteolysis of the receptor occurs and the dimeric IgA molecule, along with the secretory component, are free to diffuse throughout the lumen.

**細胞内局在**

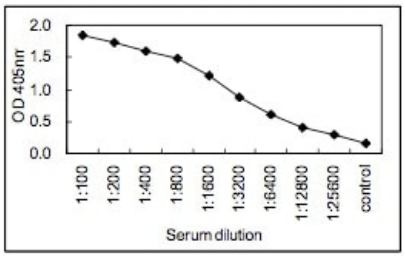
Secreted

## 画像




Sandwich ELISA - Anti-IgA antibody [KT41] (ab106731)

Sandwich ELISA for purified IgA2 using an ab106731 coated plate (5µg/ml) and an HRP conjugated antibody. IgE is a negative control.




Sandwich ELISA - Anti-IgA antibody [KT41] (ab106731)

Sandwich ELISA for Human serum using ab106731-coated plate (5µg/ml) and a HRP conjugated mouse monoclonal antibody to IgA.



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- 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

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