

Anti-IgM antibody [KT16] ab110653

2 图像

概述	
产品名称	Anti-IgM抗体[KT16]
描述	小鼠单克隆抗体[KT16] to IgM
宿主	Mouse
特异性	ab110653 does not cross-react with Human IgG and recombinant Human IgG1, IgG2, IgG3, IgG4, IgA and IgE.
经测试应用	适用于: Sandwich ELISA
种属反应性	与反应: Human
免疫原	Recombinant Human IgM
阳性对照	Human serum
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&amp;As</p>

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	KT16
同种型	IgG1

## The Abpromise guarantee

**Abpromise™**承诺保证使用ab110653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
<b>Sandwich ELISA</b>		Use a concentration of 5 µg/ml. Can be paired for Sandwich ELISA with <b>HRP Mouse monoclonal [KT38] to IgM (ab106742)</b> . Use <b>ab106742</b> as the detection antibody and ab110653 as the capture antibody.

## 靶标

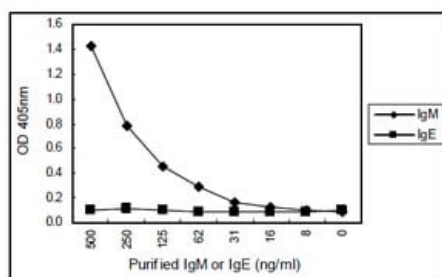
### 相关性

IgM normally constitutes about 10% of serum immunoglobulins. IgM antibody is prominent in early immune responses to most antigens and predominates in certain antibody responses such as 'natural' blood group antibodies. IgM (with IgD) is the major immunoglobulin expressed on the surface of B cells. The gene for the mu constant region contains four domains separated by short intervening sequences. Class specific anti immunoglobulin antibodies are useful for: The characterization of malignant B cell proliferations. All but acute lymphocytic leukemias share either surface or intra cytoplasmic Ig with an isotypic restriction, which suggest the monoclonal nature of the cell population. Most of the chronic lymphocytic leukemias, non Hodgkin lymphomas and Burkitt's lymphoma bear surface IgM, whereas plasmocytes from Waldenström's disease bear intracytoplasmic IgM. The other isotypes are less frequently found. On the other hand multiple myelomas are usually of the IgG or IgA type. Characterization of plasma cells in inflammatory conditions: Plasma cell typing can be of use for the classification of intestinal inflammatory conditions such as inflammatory bowel disease and allergic conditions. In the latter a specific increase in the number of IgE plasma cells can be demonstrated.

### 细胞定位

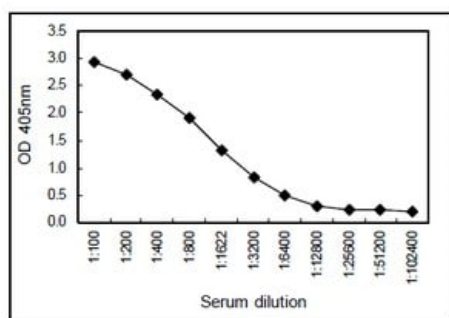
Isoform 1: Secreted. During differentiation, B lymphocytes switch from expression of membrane bound IgM to secretion of IgM. Isoform 2: Cell membrane; Single pass type I membrane protein.

## 图片



Sandwich ELISA - Anti-IgM antibody [KT16]  
(ab110653)

Sandwich ELISA for purified IgM using ab110653 coated plate and HRP conjugated **ab106742**. IgE is a negative control.



Sandwich ELISA for Human serum using ab110653 coated plate and HRP conjugated **ab106742**.

Sandwich ELISA - Anti-IgM antibody [KT16]  
(ab110653)

**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

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