

# Anti-beta 2 Microglobulin antibody [3F9-2C2] ab54810

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### 概述

<b>产品名称</b>	Anti-beta 2 Microglobulin抗体[3F9-2C2]
<b>描述</b>	小鼠单克隆抗体[3F9-2C2] to beta 2 Microglobulin
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> WB, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Recombinant full length protein, corresponding to amino acids 1-120 of Human beta 2 Microglobulin
<b>常规说明</b>	<p>This product was changed from ascites to tissue culture supernatant on 22/03/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.4
<b>纯度</b>	Tissue culture supernatant
<b>克隆</b>	单克隆
<b>克隆编号</b>	3F9-2C2
<b>同种型</b>	IgG2b
<b>轻链类型</b>	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab54810于以下的经测试应用

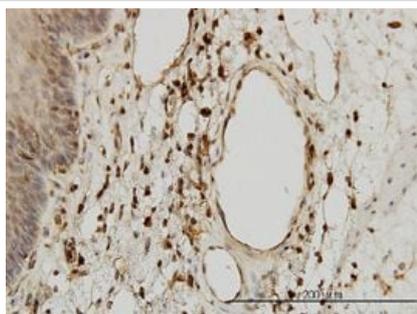
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 14 kDa.
IHC-P		Use at an assay dependent concentration.

## 靶标

<b>功能</b>	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
<b>疾病相关</b>	Defects in B2M are the cause of hypercatabolic hypoproteinemia (HYCATHYP) [MIM:241600]. Affected individuals show marked reduction in serum concentrations of immunoglobulin and albumin, probably due to rapid degradation. Note=Beta-2-microglobulin may adopt the fibrillar configuration of amyloid in certain pathologic states. The capacity to assemble into amyloid fibrils is concentration dependent. Persistently high beta(2)-microglobulin serum levels lead to amyloidosis in patients on long-term hemodialysis.
<b>序列相似性</b>	Belongs to the beta-2-microglobulin family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
<b>翻译后修饰</b>	Glycation of Ile-21 is observed in long-term hemodialysis patients.
<b>细胞定位</b>	Secreted. Detected in serum and urine.

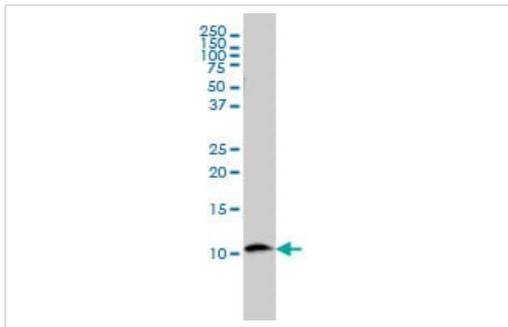
## 图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-beta 2 Microglobulin antibody [3F9-2C2] (ab54810)

beta 2 Microglobulin antibody (ab54810) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human esophagus.

This image was generated using the ascites version of the product.



Western blot - Anti-beta 2 Microglobulin antibody  
[3F9-2C2] (ab54810)

beta 2 Microglobulin antibody (ab54810) at 1ug/lane + U-2 cell lysate at 25ug/lane.

This image was generated using the ascites version of the product.

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

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