

### Anti-DnaK antibody [8E2/2] ab69617

★★★★★ [2 Abreviews](#) [34 References](#) [2 图像](#)

#### 概述

<b>产品名称</b>	Anti-DnaK抗体[8E2/2]
<b>描述</b>	小鼠单克隆抗体[8E2/2] to DnaK
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> WB
<b>种属反应性</b>	<b>与反应:</b> Escherichia coli
<b>免疫原</b>	Full length protein corresponding to Escherichia coli DnaK.
<b>常规说明</b>	<p>This product was changed from ascites to tissue culture supernatant on 22<sup>nd</sup> May 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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>存储溶液</b>	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
<b>纯度</b>	Tissue culture supernatant
<b>纯化说明</b>	Purified from TCS.
<b>克隆</b>	单克隆
<b>克隆编号</b>	8E2/2
<b>同种型</b>	IgG1

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab69617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	★★★★☆ (2)	Use at an assay dependent concentration. Detects a band of approximately 70 kDa (predicted molecular weight: 70 kDa).

## 靶标

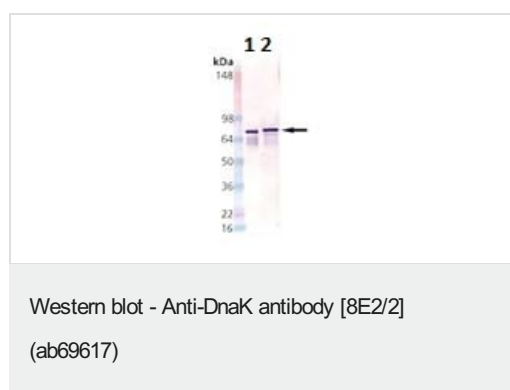
## 相关性

DnaK is the prokaryotic analogue of eukaryotic Hsp70. Heat shock proteins applies to a group of proteins that assist in the assembly, folding, and translocation of other proteins. In addition, they protect the cell against heat injury or other forms of stress. All cells, prokaryotic and eukaryotic, are able to respond to different cellular stresses by synthesizing these proteins. Heat shock proteins are highly conserved, ubiquitously distributed, and involved in important aspects of viral and bacterial infections, autoimmune diseases, and in cancer immunity. Two families of molecular chaperones have been identified. The members of the Hsp70 family (DnaK/DnaJ/GrpE) bind to the growing polypeptide chain and prevent its premature folding. The chaperonin family (GroEL and GroES) assists in correct folding when the complete polypeptide chain is formed and is transported into the cytosol or mitochondria. All the major heat shock proteins help to suppress irreversible unfolding reactions. These protein folding 'assistants' may have important functions in amyloid diseases where incorrectly folded proteins accumulate as folded aggregates.

## 细胞定位

Cytoplasm. Cell inner membrane; Peripheral membrane protein.

## 图片



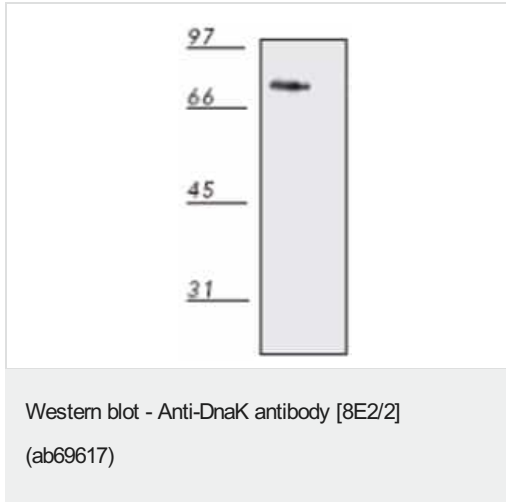
**All lanes :**

**Lane 1 :** DnaK active recombinant protein

**Lane 2 :** E.coli cell lysate.

**Predicted band size:** 70 kDa

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



Anti-DnaK antibody [8E2/2] (ab69617) at 0.1 µg/ml + E.Coli DnaK protein

**Predicted band size:** 70 kDa

**Observed band size:** 70 kDa

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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