

## Product datasheet

# Anti-TLR9 antibody [5G5] ab16892

★★★★☆ 1 Abreviews 2 References

### 概述

<b>产品名称</b>	Anti-TLR9抗体[5G5]
<b>描述</b>	小鼠单克隆抗体[5G5] to TLR9
<b>特异性</b>	This antibody reacts very well in mouse, but more weakly in human. There are references available which suggest the antibody works well in human, however, customer feedback suggests results in human can be inconsistent.
<b>经测试应用</b>	<b>适用于:</b> IHC-P, Flow Cyt, WB, IHC-Fr
<b>种属反应性</b>	<b>与反应:</b> Mouse, Dog <b>不与反应:</b> Human
<b>免疫原</b>	Purified fusion protein of extracellular domain of human TLR9 (AA 1-815) and human IgGFc.
<b>阳性对照</b>	RAW macrophages

### 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. Avoid freeze / thaw cycles.
<b>存储溶液</b>	Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS
<b>纯度</b>	Protein G purified
<b>纯化说明</b>	Provided as a 0.2µm filtered antibody solution
<b>克隆</b>	单克隆
<b>克隆编号</b>	5G5
<b>同种型</b>	IgG2a

### 应用

Our [Abpromise guarantee](#) covers the use of **ab16892** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P	★★★★☆	
Flow Cyt		
WB		
IHC-Fr		
<b>应用说明</b>	<p>Flow Cyt: 1/50.  IHC-Fr: 1/50.Ab16892 stains RAW macrophages and TLR9 transfected HEK293 cells.  IHC-P: Use at an assay dependent dilution.  WB: 1/50. Predicted molecular weight: 116 kDa.</p> <p>Not yet tested in other applications.  Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>靶标</b>		
<b>功能</b>	<p>Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR9 is a nucleotide-sensing TLR which is activated by unmethylated cytidine-phosphate-guanosine (CpG) dinucleotides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.</p>	
<b>组织特异性</b>	<p>Highly expressed in spleen, lymph node, tonsil and peripheral blood leukocytes, especially in plasmacytoid pre-dendritic cells. Levels are much lower in monocytes and CD11c+ immature dendritic cells. Also detected in lung and liver.</p>	
<b>序列相似性</b>	<p>Belongs to the Toll-like receptor family.  Contains 26 LRR (leucine-rich) repeats.  Contains 1 TIR domain.</p>	
<b>细胞定位</b>	<p>Endoplasmic reticulum membrane. Endosome. Lysosome. Cytoplasmic vesicle &gt; phagosome.  Relocalizes from endoplasmic reticulum to endosome and lysosome upon stimulation with agonist.</p>	

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