

# Anti-Streptococcus Group B antibody ab53584

★★★★★ [2 Abreviews](#) [9 References](#) [画像数 2](#)

### 製品の概要

製品名	Anti-Streptococcus Group B antibody
製品の詳細	Rabbit polyclonal to Streptococcus Group B
由来種	Rabbit
特異性	Reacts with type specific carbohydrate of group B Streptococcus.
アプリケーション	<b>適用あり:</b> IHC-P, ELISA, ICC/IF
種交差性	<b>交差種:</b> Streptococcus sp. group B
免疫原	Tissue, cells or virus corresponding to Streptococcus Group B. Native Streptococcus Group B.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Immunogen affinity purified
特記事項(精製)	ab53584 was affinity purified.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### 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ab53584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。

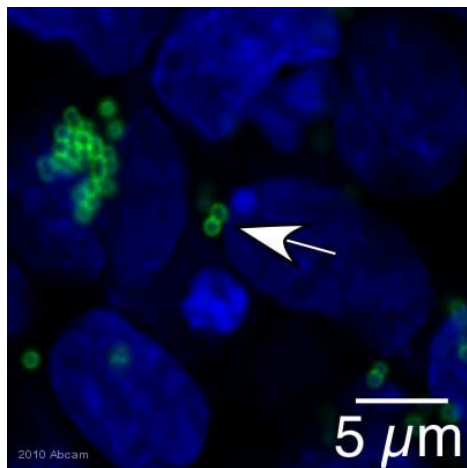
アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

## ターゲット情報

**関連性**

Streptococci form part of the normal human flora that resides on the skin, and can also colonise the respiratory, gastrointestinal, and genitourinary tracts. Streptococci can cause a range of diseases, from the less serious but common sore throats and skin infections to life threatening conditions such as necrotising fasciitis. Different streptococcal species are involved in human disease, broadly categorised as pus forming or pyogenic streptococci, non pus forming or non pyogenic streptococci, and *Streptococcus pneumoniae*. Streptococci are classified into Lancefield serotypes by their cell wall polysaccharide antigens. Group A are primarily pathogens. Group B streptococci (including *Streptococcus agalactiae*) are the leading bacterial causes of human neonatal illness and death causing opportunistic invasive disease in pregnant women such as preterm labour, membrane rupture and urinary tract infections and sepsis and meningitis in newborns.

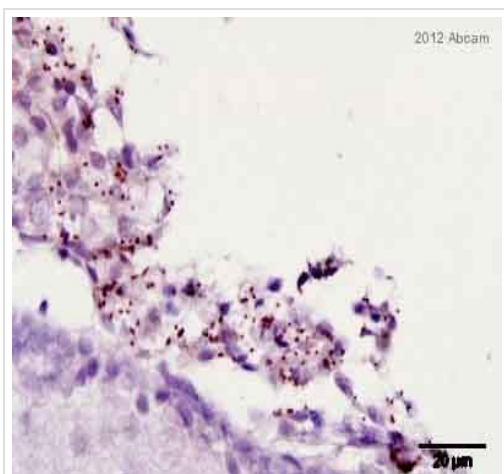
## 画像



Immunocytochemistry/ Immunofluorescence - Anti-Streptococcus Group B antibody (ab53584)  
Image courtesy of Dr David Kling by Abreview.

ab53584 staining *Streptococcus agalactiae* by Immunocytochemistry/ Immunofluorescence.

*Streptococcus agalactiae* was infected into fetal rat lung explants for 24 hours. Tissue was fixed and probed "whole-mount". The cells were formaldehyde fixed, permeabilised in 0.1% Triton/1X PBS for 15 minutes and then blocked using 5% Donkey serum for 1 hour at 25°C. Samples were then incubated with primary antibody at 1/200 for one hour at 25°C. The secondary antibody used was a Donkey anti-rabbit IgG conjugated to FITC used at a 1/400 dilution. Tissue was counterstained with Hoechst 33342 (blue). Image collected using a Leica Microsystems confocal microscope.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Streptococcus Group B antibody (ab53584)

Image courtesy of Christian Delannoy by Abreview.

ab53584 staining Streptococcus Group B in brain tissue from *Oreochromis niloticus* by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Tissue was fixed in 10% buffered formalin and a heat mediated antigen retrieval step was performed using citrate. Samples were then blocked with 25% serum for 30 minutes at room temperature and then incubated with ab53584 at a 1/200 dilution for 18 hours at 4°C. The secondary used was an undiluted HRP conjugated goat polyclonal.

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

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