

Anti-E. coli LPS antibody [2D7/1] ab35654

★★★★★ **8 Abreviews** **56 References** 画像数 **1**

製品の概要

製品名	Anti-E. coli LPS antibody [2D7/1]
製品の詳細	Mouse monoclonal [2D7/1] to E. coli LPS
由来種	Mouse
特異性	<p>The J5 mutant of E. coli lacks the enzyme uridine diphosphate glucose 4-epimerase and therefore produces an incomplete LPS, deficient in galactose and all the sugars distal to the central polymers. The J5 mutant has no O-specific chains and its endotoxin remains as the core LPS containing lipid A, N acetyl glucosamine, 2-keto-3-deoxyoctonate, heptose and glucose (a composition similar to that of the Rc strains of Salmonella).</p> <p>The clone 2D7/1 has also been found to react with K. pneumoniae, S. sonnei and S. typhimurium.</p>
アプリケーション	適用あり: ICC/IF, ELISA
種交差性	交差種: Escherichia coli
免疫原	Tissue, cells or virus corresponding to Escherichia coli E. coli LPS. Escherichia coli J5 cells.
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&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. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	2D7/1

アイソタイプ IgG2b
軽鎖の種類 kappa

アプリケーション

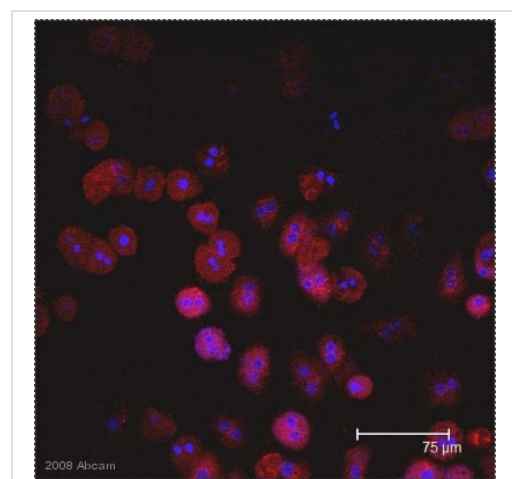
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab35654の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★☆ (3)	1/200.
ELISA	★★★★★ (1)	1/1500.

ターゲット情報

関連性 Some form of LPS is a major component of the cell membrane of Gram negative bacteria, contributing greatly to the structural integrity of the bacteria, and protecting the membrane from certain kinds of chemical attack. LPS is an endotoxin, and induces a strong response from normal animal immune systems. LPS function has been under experimental research for several years due to its role in activating many transcriptional factors, which become active after stimulation with LPS. LPS also produces many types of mediators involved in septic shock.

画像



ab35654 staining E. coli LPS in mouse hepatocytes (red). Cells were PFA fixed and permeabilized in 0.1% Triton X-100 prior to blocking in SFX Kit blocking agent for 30 minutes at 25°C. The primary antibody was diluted 1/200 and incubated with the sample for 1 hour at 25°C. The secondary antibody was Alexa Fluor® 555 goat anti-mouse, diluted 1/100. Cells were stimulated for 90 minutes with E. coli LPS and then probed with ab35654. The picture was taken on a Leica confocal microscope that pseudo-colors the 555 secondary red. The blue staining was with To-Pro-III iodide, again, pseudo-colored to be blue on confocal.

Immunocytochemistry/ Immunofluorescence - Anti-E. coli LPS antibody [2D7/1] (ab35654)

This image is courtesy of an anonymous Abreview

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