Product datasheet

Anti-Mycobacterium tuberculosis antibody ab905

1 Abreviews  12 References  画像数 1

製品の概要

製品名  Anti-Mycobacterium tuberculosis antibody
製品の詳細  Rabbit polyclonal to Mycobacterium tuberculosis
由来種  Rabbit
特異性  This antibody is reactive with other Mycobacteria species including: M. avium, M. phlei, and M. parafortuitum. This antibody has been reported not to be reactive with E. coli K12, Salmonella typhimurium, Pseudomonas aeruginosa, Streptococcus (group B), Candida albicans and Neisseria meningitides.

アプリケーション  適用あり: ICC/IF, IHC-P, IHC-Fr

種交差性

免疫原  Purified Protein Derivative
ポジティブ・コントロール  Infected lung

製品の特性

製品の状態  Liquid
保存方法  Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー  Preservative: 0.1% Sodium Azide
Constituents: PBS, Carrier protein, Da Vinci Green Diluent, pH 7.3
精製度  IgG fraction
アイソタイプ  IgG

アプリケーション

Our Abpromise guarantee covers the use of ab905 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Mycobacterium tuberculosis is the most common cause of tuberculosis. Primary infection begins with inhalation of 1 to 10 aerosolised bacilli. The pathogenicity of the organism is determined by its ability to escape host immune responses as well as eliciting delayed hypersensitivity. Alveolar macrophages engulf the invading cells but are unable to mount an effective defense. Several virulence factors are responsible for this apparent failure; most notably in the mycobacterial cell wall are the cord factor, lipoarabinomannan, and the 65 kd heat shock protein or HSP65. The emergence of new strains of resistant Mycobacterium tuberculosis has created new interest in clinical diagnosis. Studies have shown immunohistochemical techniques to be superior to conventional special stains. Thus the demonstration of mycobacterial antigens are not only useful in establishing mycobacterial aetiology, but can also be used as an alternative method to the conventional Ziehl-Neelsen method.

**ICC/IF**

Use at an assay dependent concentration. PubMed: 24475192

**IHC-P**

1/100 - 1/200. Perform enzymatic antigen retrieval before commencing with IHC staining protocol. ABC method.

**IHC-Fr**

1/100 - 1/200. ABC method.

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

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