

Anti-Kappa light chain antibody [MEM-09] ab1050

★★★★★ [1 Abreviews](#) [4 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Kappa light chain antibody [MEM-09]
製品の詳細	Mouse monoclonal [MEM-09] to Kappa light chain
由来種	Mouse
特異性	MAB MEM-09 reacts with both secreted and B cell-surface human immunoglobulin, specifically reacts with k-light chains. Material immunoprecipitated from human serum using MAB MEM-09 consist of IgG and traces of IgM.
アプリケーション	適用あり: IHC-P, ICC, Flow Cyt (Intra), IP, WB, Flow Cyt
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human Kappa light chain. Crude thymus membrane fraction
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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
特記事項 (精製)	Purified from TCS. Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	MEM-09

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ab1050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		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

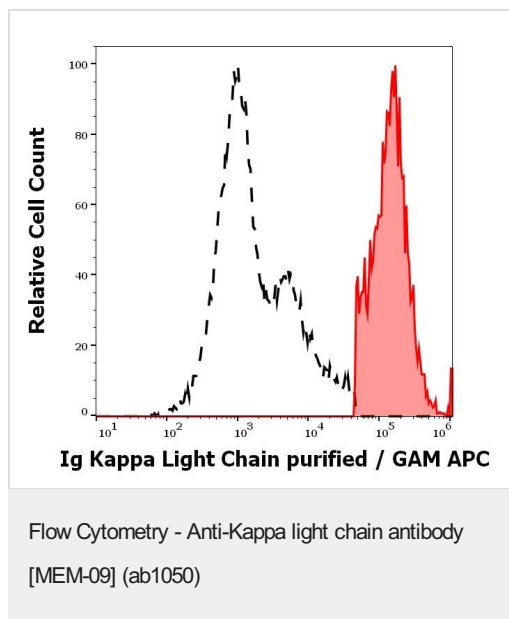
ターゲット情報

関連性

Immunoglobulins belong to a group of related glyco proteins which make up 20% of serum proteins. Antigens and immunoglobulins react to confer immunity to individuals. Immunoglobulins have similar structures of two identical heavy chains and two identical light chains. Both the heavy chains and the light chains are divided into constant and variable regions. The constant regions have the same amino acid sequences between all the immunoglobulin classes. The variable regions have approximately 110 amino acids with high sequence variability. The amino acid sequence of the heavy chain determines the class of an immunoglobulin. The five types of immunoglobulin heavy chains are known as: IgG, IgA, IgM, IgD, and IgE. IgG is divided into four subclasses, and IgA is divided into two subclasses. In serum IgA and IgG are monomers with a single 4 polypeptide unit; while, IgM is a pentamer. IgA may also form polymers. Kappa light chain antibody can be used for the identification of leukemias, plasmacytomas and certain non Hodgkin's lymphomas. Kappa light chain contains one immunoglobulin like domain. The EU sequence has the INV allotypic marker, Ala 45 and Val 83. The ROY sequence has the INV allotypic marker, Ala 45 and Leu 83.

細胞内局在 Cytoplasmic and Secreted

画像



Flow cytometric analysis of human peripheral whole blood stained using ab1050 (concentration in sample 3 µg/ml) GAM APC showing separation of human Ig Kappa Light Chain positive lymphocytes (red-filled) from Ig Kappa Light Chain negative lymphocytes (black-dashed).

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

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