

### HRP Anti-Kappa light chain antibody ab46527

#### 製品の概要

製品名	HRP Anti-Kappa light chain antibody
製品の詳細	HRP Goat polyclonal to Kappa light chain
由来種	Goat
標識	HRP
特異性	This antibody recognises mouse kappa light chains; both bound and free.
アプリケーション	<b>適用あり:</b> WB, IHC-Fr, ELISA
種交差性	<b>交差種:</b> Mouse
免疫原	Full length protein corresponding to Mouse Kappa light chain. Mouse paraproteins with kappa light chains
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. Store at +4°C.
バッファー	Constituents: PBS, 50% Glycerol
精製度	Protein G purified
特記事項 (精製)	This antibody was made from pooled antisera from goats immunised with mouse paraproteins bearing kappa light chains. Antiserum was purified by affinity chromatography on pooled mouse Igs with kappa light chains. The antiserum was cross adsorbed on pooled mouse Igs with lambda light chains.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

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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確認ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

## 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

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

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