

HRP Anti-IgM antibody [CH2] ab79524

面格粉?

医薬用外劇物

製品の概要

製品名	HRP Anti-IgM antibody [CH2]
製品の詳細	HRP Mouse monoclonal [CH2] to IgM
由来種	Mouse
標識	HRP
特異性	This antibody reacts with Fc fragment of human IgM.
アプリケーション	適用あり: WB, ELISA
種交差性	交差種: Human
免疫原	Purified human IgM.
ポジティブ・コントロール	WB: Human plasma
特記事項	The purified antibody is conjugated with Horseradish Peroxidase (HRP) of high specific activity and RZ=3.

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.

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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.4 Preservative: 0.01% Thimerosal (merthiolate) Constituent: 1% BSA
精製度	Size exclusion
ポリ/モノ	モノクローナル
クローン名	CH2

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ab79524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。

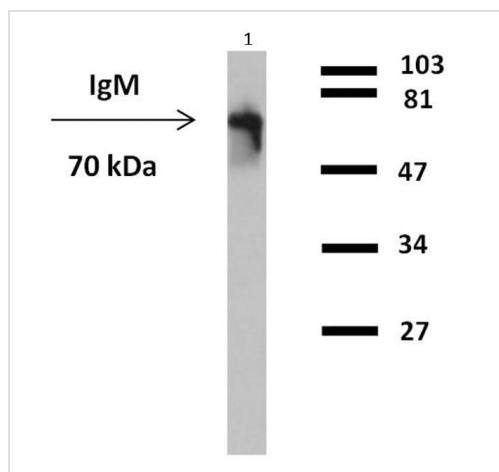
アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 49 kDa.
ELISA		Use at an assay dependent concentration.

ターゲット情報

関連性 IgM normally constitutes about 10% of serum immunoglobulins. IgM antibody is prominent in early immune responses to most antigens and predominates in certain antibody responses such as 'natural' blood group antibodies. IgM (with IgD) is the major immunoglobulin expressed on the surface of B cells. The gene for the mu constant region contains four domains separated by short intervening sequences. Class specific anti immunoglobulin antibodies are useful for: The characterization of malignant B cell proliferations. All but acute lymphocytic leukemias share either surface or intra cytoplasmic Ig with an isotypic restriction, which suggest the monoclonal nature of the cell population. Most of the chronic lymphocytic leukemias, non Hodgkin lymphomas and Burkitt's lymphoma bear surface IgM, whereas plasmocytes from Waldenström's disease bear intracytoplasmic IgM. The other isotypes are less frequently found. On the other hand multiple myelomas are usually of the IgG or IgA type. Characterization of plasma cells in inflammatory conditions: Plasma cell typing can be of use for the classification of intestinal inflammatory conditions such as inflammatory bowel disease and allergic conditions. In the latter a specific increase in the number of IgE plasma cells can be demonstrated.

細胞内局在 Isoform 1: Secreted. During differentiation, B lymphocytes switch from expression of membrane bound IgM to secretion of IgM. Isoform 2: Cell membrane; Single pass type I membrane protein.

画像

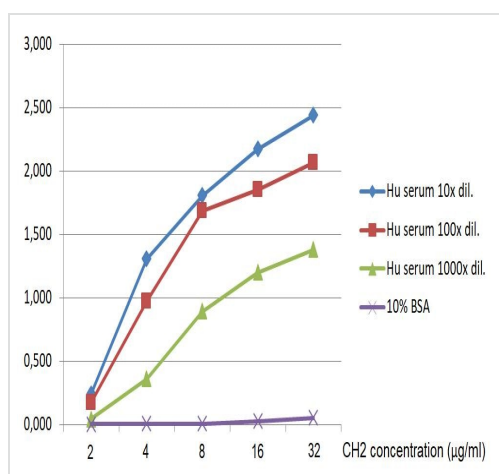


Western blot - HRP Anti-IgM antibody [CH2]
(ab79524)

HRP Anti-IgM antibody [CH2] (ab79524) at 1 µg/ml + Human plasma

Performed under reducing conditions.

Predicted band size: 49 kDa



ELISA - HRP Anti-IgM antibody [CH2] (ab79524)

ELISA analysis of IgM in human serum using capture antibody MA2 and ab79524. Three different dilutions of human serum were used, and 10% BSA as negative control.

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

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