

Anti-IgM antibody [UCH-B1] ab18201

4 References

製品の概要

製品名	Anti-IgM antibody [UCH-B1]
製品の詳細	Mouse monoclonal [UCH-B1] to IgM
由来種	Mouse
アプリケーション	適用あり: ICC/IF, IHC-Fr, Flow Cyt
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human IgM. Human polymphocytic leukaemia B cells.
特記事項	<p>UCH-B1 antigen (85kD) is detected on a sub-population of B lymphocytes, probably related to stage of activation or maturation. UCH-B1 may be useful for differential diagnosis of B cell leukaemias and as a marker of polymphocytic leukaemia.</p> <p>Does not work on formalin fixed and paraffin embedded tissues.</p> <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	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
精製度	Protein A/G purified
一次抗体 備考	UCH-B1 antigen (85kD) is detected on a sub-population of B lymphocytes, probably related to stage of activation or maturation. UCH-B1 may be useful for differential diagnosis of B cell

leukaemias and as a marker of polymphocytic leukaemia.

ポリ/モノ	モノクローナル
クローン名	UCH-B1
ミエローマ	NS0
アイソタイプ	IgG1

アプリケーション

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アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration. Acetone fixed.
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 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.

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