

Product datasheet

Anti-CD19 antibody [MB19-1] ab25177

製品の概要

製品名	Anti-CD19 antibody [MB19-1]
製品の詳細	Mouse monoclonal [MB19-1] to CD19
特異性	ab25177 recognises CD19.
アプリケーション	適用あり: Flow Cyt, IP
種交差性	交差種: Mouse
免疫原	CD19 ⁺ mouse pre-B cell line, 300.19

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 8.20 Constituent: 100% Borate buffered saline
特記事項 (精製)	Purified IgA fraction.
ポリモノ	モノクローナル
クローン名	MB19-1
アイソタイプ	IgA
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25177** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration. ab37322 -Mouse monoclonal IgA, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

ターゲット情報

機能	Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
関連疾患	Defects in CD19 are the cause of immunodeficiency common variable type 3 (CVID3) [MIM:613493]; also called antibody deficiency due to CD19 defect. CVID3 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.
配列類似性	Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
翻訳後修飾	Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR. Phosphorylated on tyrosine following B-cell activation.
細胞内局在	Membrane.

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