

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
由来種	Mouse
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.

アプリケーション	Abreviews	特記事項
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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