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Product datasheet

Anti-CD45 antibody [YW 62.3] (FITC) ab22475

1 References

製品の概要

製品名	Anti-CD45 antibody [YW 62.3] (FITC)
製品の詳細	Rat monoclonal [YW 62.3] to CD45 (FITC)
由来種	Rat
標識	FITC. Ex: 493nm, Em: 528nm
特異性	ab22475 immunoprecipitates multiple isoforms with molecular weights 180-220kD.
アプリケーション	**適用あり:** Flow Cyt
種交差性	**交差種:** Mouse
免疫原	Tissue/ cell preparation of spleen cells (Mouse).
特記事項	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) FITC : Protein (molar ratio): 6.2 : 1.0

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	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	YW 62.3
ミエローマ	Y3/Ag1.2.3
アイソタイプ	IgG2b

アプリケーション

Our Abpromise guarantee covers the use of **ab22475** 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		

追加情報	Flow Cyt: Use neat, 10µl for 10^6 cells. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能	Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTPase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN.
関連疾患	Defects in PTPRC are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (T(-)B(+)NK(+) SCID) [MIM:608971]. A form of severe combined immunodeficiency (SCID), a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. Patients present in infancy recurrent, persistent infections by opportunistic organisms. The common characteristic of all types of SCID is absence of T-cell-mediated cellular immunity due to a defect in T-cell development. Genetic variations in PTPRC are involved in multiple sclerosis susceptibility (MS) [MIM:126200]. MS is a neurodegenerative disorder characterized by the gradual accumulation of focal plaques of demyelination particularly in the periventricular areas of the brain. Peripheral nerves are not affected. Onset usually in third or fourth decade with intermittent progression over an extended period. The cause is still uncertain.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Receptor class 1/6 subfamily. Contains 2 fibronectin type-III domains. Contains 2 tyrosine-protein phosphatase domains.
ドメイン	The first PTPase domain interacts with SKAP1.
翻訳後修飾	Heavily N- and O-glycosylated.
細胞内局在	Membrane. Membrane raft. Colocalized with DPP4 in membrane rafts.

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