

Product datasheet

Anti-Fas antibody [DX2] ab10460

製品の概要

製品名	Anti-Fas antibody [DX2]
製品の詳細	Mouse monoclonal [DX2] to Fas
由来種	Mouse
アプリケーション	適用あり: Flow Cyt, WB
種交差性	交差種: Human
免疫原	Mouse L cells transfected with a human Fas/CD95 cDNA.
エピトープ	Monoclonal Anti-Human Fas (CD95/Apo1) reacts specifically with the functional epitope of human Fas (CD95/Apo1) antigen. By immunoblotting, it recognizes the denatured non-reduced 1-173 amino acid residues of a recombinant, human Fas preparation.
ポジティブ・コントロール	Burkitt's lymphoma Raji cells (FACS).

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: 15mM Sodium Azide Constituents: 0.01M PBS, pH 7.4
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	DX2
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab10460** 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
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Flow Cyt		Use 100µl for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration. Predicted molecular weight: 45-48 kDa.

ターゲット情報

機能	Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro).
組織特異性	Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.
関連疾患	Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly.
配列類似性	Contains 1 death domain. Contains 3 TNFR-Cys repeats.
ドメイン	Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins.
細胞内局在	Secreted and Cell membrane.

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