abcam

## Product datasheet

# Anti-Fas antibody [DX3] (Allophycocyanin) ab25291

### 製品の概要

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| **製品名** | Anti-Fas antibody [DX3] (Allophycocyanin) |
| **製品の詳細** | Mouse monoclonal [DX3] to Fas (Allophycocyanin) |
| **標識** | Allophycocyanin. Ex: 645nm, Em: 660nm |
| **アプリケーション** | **適用あり:** Flow Cyt, IHC-Fr, IP |
| **種交差性** | **交差種:** Human |
| **免疫原** | The details of the immunogen for this antibody are not available. |
| **エピトープ** | This antibody causes crosslinking of Fas, delivering an apoptotic signal to Fas sensitive cells, indicating that the antibody recognizes a functional epitope of Fas. |
| **特記事項** | This antibody has been shown to be useful in studies of "in vitro" induction of apoptosis. |

### 製品の特性

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| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at +4°C. |
| **バッファー** | Preservative: 0.09% Sodium Azide<br>Constituents: PBS, Sucrose; Stabilizing agent |
| **精製度** | IgG fraction |
| **一次抗体 備考** | This antibody has been shown to be useful in studies of "in vitro" induction of apoptosis. |
| **ポリ/モノ** | モノクローナル |
| **クローン名** | DX3 |
| **アイソタイプ** | IgG2a |

### アプリケーション

Our Abpromise guarantee covers the use of **ab25291** 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 10µl for $10^6$ cells. |
| IHC-Fr | | Use at an assay dependent dilution. |
| IP | | Use at an assay dependent dilution. |

## ターゲット情報

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| **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.<br>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. |

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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