Datasheet for 600-401-BD0

# FAIM Antibody

## Overview

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| **Description:** | Anti-FAIM (RABBIT) Antibody - 600-401-BD0 |
| **Item No.:** | 600-401-BD0 |
| **Size:** | 100 µg |
| **Applications:** | ELISA, WB |
| **Reactivity:** | Human, Mouse |
| **Host Species:** | Rabbit |

## Product Details

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| **Background:** | The susceptibility of primary splenic B cells to Fas-mediated apoptosis is regulated in a receptor-specific fashion. Terminal effectors of B cell Fas-resistance include the known anti-apoptotic proteins Bcl-xL, FLIP, and a recently identified protein termed FAIM. This molecule is broadly expressed in various tissues and exists in at least three isoforms. It is thought that resistance to Fas killing via increased expression of FAIM protects foreign antigen-specific B cells during interactions with FasL-bearing T cells whereas autoreactive B cells are deleted via Fas-dependent cytotoxicity. More recent results have indicated that FAIM interacts with both Trk and p75 neurotrophin receptor and may play a role in promoting neurite outgrowth in different neuronal systems by a mechanism involving the activation of NF-kB and the Ras-ERK pathway. |
| **Synonyms:** | FAIM Antibody, FAIM1, FAIM1, Fas apoptotic inhibitory molecule 1 |
| **Host Species:** | Rabbit |
| **Clonality:** | Polyclonal |
| **Format:** | IgG |

## Target Details

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| **Gene Name:** | FAIM |
| **Reactivity:** | Human, Mouse |
| **Immunogen Type:** | Conjugated Peptide |

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| **Immunogen:** | Anti-FAIM antibody was prepared from whole rabbit serum produced by repeated immunizations with a 14 amino acid synthetic peptide from near the C-terminus of human FAIM. |
| **Purity/Specificity:** | Anti-FAIM Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with FAIM from other sources has not been determined. |
| **Relevant Links:** | • UniProtKB - Q9NVQ4<br>• GeneID - 55179<br>• NCBI - NP_060617 |

## Application Details

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| **Tested Applications:** | ELISA, WB |
| **Application Note:** | Anti-FAIM Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 20 kDa in Western Blots of specific cell lysates and tissues. |
| **Assay Dilutions:** | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below. |
| **ELISA:** | 1:50,000 - 1:100,000 |
| **WB:** | 5-10 µg/mL |

## Formulation

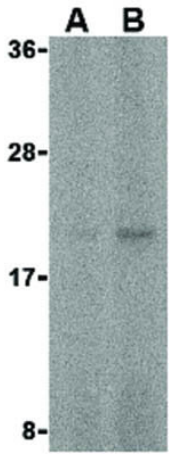
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| **Physical State:** | Liquid (sterile filtered) |
| **Concentration:** | 1 mg/mL by UV absorbance at 280 nm |
| **Buffer:** | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 |
| **Preservative:** | 0.02% (w/v) Sodium Azide |
| **Stabilizer:** | None |

## Shipping & Handling

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| **Shipping Condition:** | Dry Ice |
| **Storage Condition:** | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |

**Expiration:** Expiration date is one (1) year from date of receipt.

## Images




**Western Blot**
Western Blot of FAIM antibody. Lane 1: Human spleen tissue lysate with FAIM at 5 µg/mL. Lane 2: Human spleen tissue with FAIM at 10 µg/mL. Load: 35 µg per lane.. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 20.2 kDa, 20 kDa for FAIM.

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.