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Datasheet for ABIN5002398

## anti-FAM3C antibody (AA 151-227) (AbBy Fluor® 750)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | FAM3C  |
| Binding Specificity: | AA 151-227   |
| Reactivity:          | Human, Rat   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This FAM3C antibody is conjugated to AbBy Fluor® 750   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human FAM3C |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Rat  |
| Predicted Reactivity: | Mouse,Dog,Cow,Pig,Horse,Chicken                           |
| Purification:         | Purified by Protein A.                                    |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | FAM3C                                    |
| Alternative Name: | FAM3C ( <a href="#">FAM3C Products</a> ) |

## Target Details

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Background: Synonyms: Fam3c, FAM3C\_HUMAN, family with sequence similarity 3, member C, GS3786, ILEI, Interleukin-like EMT inducer, Predicted osteoblast protein, Protein FAM3C.

Background: ILEI is a 227 amino acid, ubiquitously expressed protein containing an amino-terminal signal peptide. Elevated levels of ILEI translation are observed in oncogenic, Ras-transformed mammary epithelial cells and epithelial to mesenchymal transition (Emt) as well as tumor growth and metastasis. Also, overexpression of ILEI results in loss of ZO-1, a protein involved in tight junctions, and expression of cytoplasmic E-cadherin, which has been shown to influence loss of polarity and invasiveness. Due to this evidence, it is suspected that ILEI cooperates with oncogenic Ras to cause TGF-independent Emt and its overexpression is correlated with the invasion, metastasis and survival in a variety of cancers.

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Gene ID: 10447

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months