

Datasheet for 600-401-BD3**FAM193B Antibody****Overview**

Description:	Anti-FAM193B (RABBIT) Antibody - 600-401-BD3
Item No.:	600-401-BD3
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	FAM193B, also known as IRIZIO, was initially identified as a protein that is upregulated in alveolar rhabdomyosarcoma (ARMS), a type of fast-growing tumor characterized by chromosomal translocations fusing the PAX3 or PAX7 gene with that of FOXO1. It has been suggested that, in addition to the PAX3-FOXO1 gene fusion, disruption of the Rb and p53 pathways is required for full ARMS tumorigenesis. In PAX3-FOXO1-expressing primary mouse fibroblasts that possessed a defective p53 pathway, FAM193B expression enabled the tumorigenic transformation, suggesting that FAM193B may contribute to rhabdomyosarcomagenesis in humans.
Synonyms:	FAM193B Antibody, IRIZIO, KIAA1931, Protein FAM193B
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FAM193B
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-FAM193B antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the N-terminus of human FAM193B.

Purity/Specificity:	Anti-FAM193B Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of FAM193B are known to exist; this antibody will detect both isoforms.
Relevant Links:	• UniProtKB - Q96PV7 • GeneID - 54540 • NCBI - XP_006714938.1

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-FAM193B Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 97 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:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

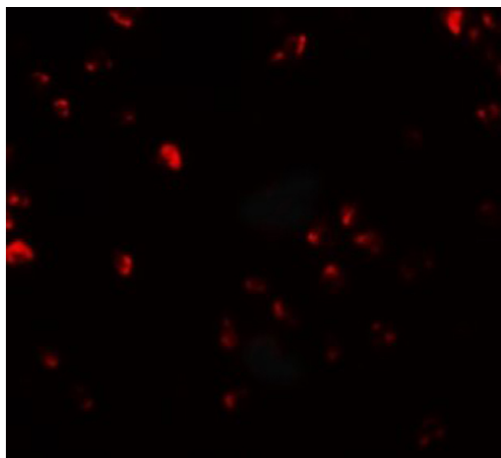
Formulation

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

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

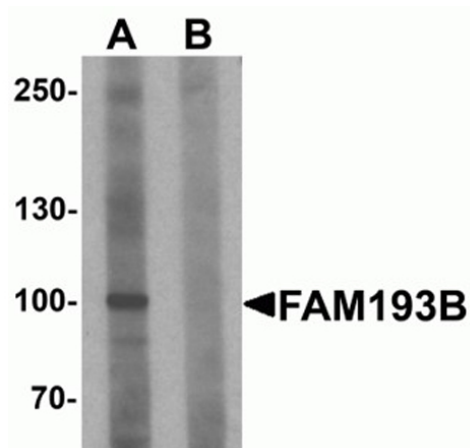


Immunofluorescence Microscopy

Immunofluorescence of FAM193B.

Cell: Jurkat cells.

Primary Antibody: FAM193B antibody at 20 µg/mL.



Western Blot

Western blot analysis of FAM193B.

Load: Jurkat cell lysate.

Primary Antibody: FAM193B antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

Disclaimer

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