

## Anti-Protein FAM193B FAM193B Antibody

Catalog Number: A14525

### About FAM193B

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.

### Overview

Product Name	Anti-Protein FAM193B FAM193B Antibody
Reactive Species	Human
Description	Boster Bio Anti-Protein FAM193B FAM193B Antibody (Catalog # A14525). Tested in ELISA, WB, IF applications. This antibody reacts with Human.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	FAM193B Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	FAM193B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96PV7

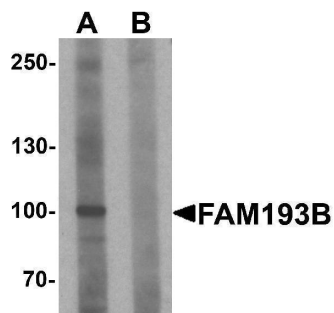
### Technical Details

Immunogen	FAM193B antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human FAM193B. The immunogen is located within amino acids 120 - 170 of FAM193B.
Predicted Reactive Species	Bovine, Mouse
Cross Reactivity	At least two isoforms of FAM193B are known to exist; this antibody will detect both isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	FAM193B Antibody is affinity chromatography purified via peptide column.

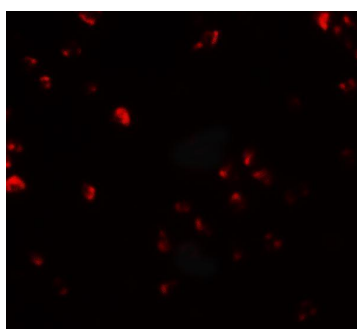
Suggested Dilutions

FAM193B antibody can be used for detection of FAM193B by Western blot at 1 ug/mL. For immunofluorescence start at 20 ug/mL.  
Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-Protein FAM193B FAM193B Antibody (A14525) Images



Western blot analysis of FAM193B in Jurkat cell lysate with FAM193B antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of FAM193B in Jurkat cells with FAM193B antibody at 20 ug/mL.

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