

For Research Use Only

# Fibrillin 1 Recombinant antibody

Catalog Number: 83836-2-RR



## Basic Information

<b>Catalog Number:</b> 83836-2-RR	<b>GenBank Accession Number:</b> BC146854	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 2200	<b>CloneNo.:</b> 240960E11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35555	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> fibrillin 1	
<b>Immunogen Catalog Number:</b> AG30283		

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

Fibrillin-1 belongs to the fibrillin family. Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin-1-containing microfibrils provide long-term force bearing structural support. Defects in Fibrillin-1 are a cause of Marfan syndrome (MFS), isolated ectopia lentis (EL), Weill-Marchesani syndrome autosomal dominant (ADWMS), Shprintzen-Goldberg craniosynostosis syndrome (SGS) or MASS syndrome.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

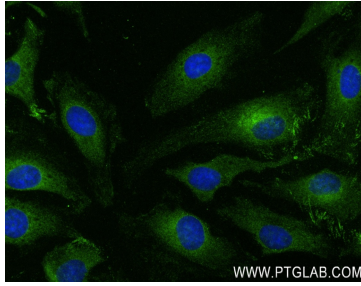
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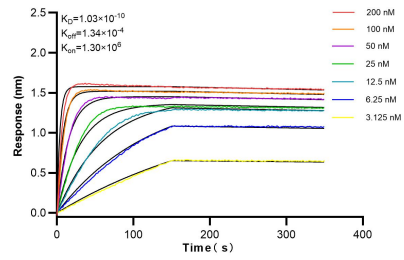
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Fibrillin 1 antibody (83836-2-RR, Clone: 240960E11) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83836-2-RR against Human Fibrillin 1 were performed. The affinity constant is 0.103 nM.