Fibrillin 1 Recombinant antibody, PBS Only

Catalog Number:83836-4-PBS

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Basic Information

Catalog Number: 83836-4-PBS	**GenBank Accession Number:** BC146854	**Purification Method:** Protein A purfication
Concentration: 1 mg/ml	**GeneID (NCBI):** 2200	**CloneNo.:** 240960G12
Source: Rabbit	**UNIPROT ID:** P35555	
Isotype: IgG	**Full Name:** fibrillin 1	
Immunogen Catalog Number: AG30283	**Observed MW:** 350 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
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 -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only

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Selected Validation Data
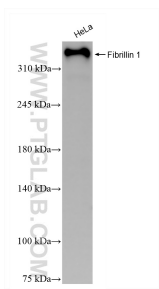
HeLa cells were subjected to SDS PAGE followed by western blot with 83836-4-RR (Fibrillin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83836-4-PBS in a different storage buffer formulation.
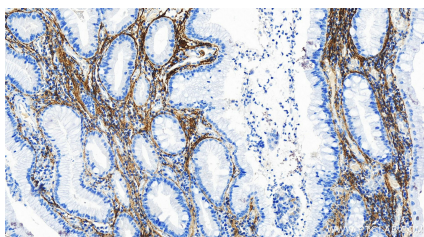
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83836-4-RR (Fibrillin 1 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9). This data was developed using the same antibody clone with 83836-4-PBS in a different storage buffer formulation.
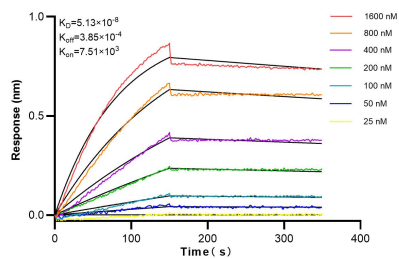
Biolayer interferometry (BLI) kinetic assays of 83836-4-RR against Human Fibrillin 1 were performed. The affinity constant is 51.3 nM.