

Product Datasheet

MYO5C Antibody 32190002-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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32190002-0.1mg

MYO5C Antibody

Product Information

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

Product Description

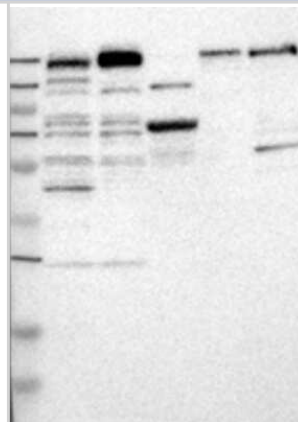
Host	Rabbit
Gene ID	55930
Gene Symbol	MYO5C
Species	Human
Reactivity Notes	Human.
Specificity/Sensitivity	This product is specific for Human MYO5C.
Immunogen	This antibody is specific for the C Terminus Region of the target protein.
Notes	Manufactured by SDIX's proprietary Genomic Antibody Technology [®] ; GAT FAQs .

Product Application Details

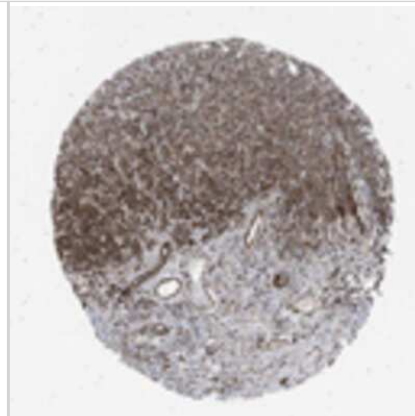
Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This antibody is useful in Immunohistochemistry-Paraffin, Western blot and has been QC tested in ELISA against recombinant protein only. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24138727)

Images

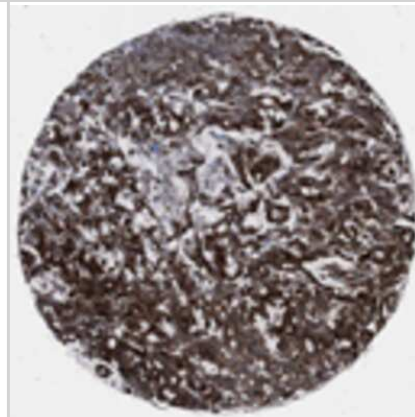
Western Blot: MYO5C Antibody [32190002] - Samples: Lane 1, Marker [kDa]: 250, 130, 95, 72, 55, 36, 28, 17, 11 Lane 2, RT-4 Lane 3, U-251MG sp Lane 4, Human Plasma Lane 5, Liver Lane 6, Tonsil , Target weight [kDa]: 203 Validation score: 2 Validation description: Supportive - Band of predicted size in kDa (+/-20%) with additional bands present.



Immunohistochemistry: MYO5C Antibody [32190002] - Strong cytoplasmic and/or membranous staining pattern observed in head and neck cancer tissue, squamous cell carcinoma, by immunohistochemistry. Image is provided courtesy of the Swedish Human Proteome Resource (HPR) Center.



Immunohistochemistry: MYO5C Antibody [32190002] - Strong cytoplasmic and/or membranous staining pattern observed in colorectal cancer tissue by immunohistochemistry. Image is provided courtesy of the Swedish Human Proteome Resource (HPR) Center.

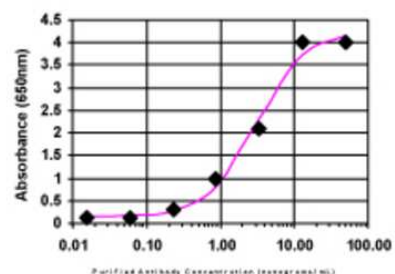


Immunohistochemistry: MYO5C Antibody [32190002] - Strong cytoplasmic and/or membranous staining pattern observed in endometrial cancer tissue by immunohistochemistry. Image is provided courtesy of the Swedish Human Proteome Resource (HPR) Center.



ELISA: MYO5C Antibody [32190002]

ELISA:



The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

Publications

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.

Thoeni CE, Vogel GF, Tancevski I et al. Microvillus inclusion disease: loss of Myosin vb disrupts intracellular traffic and cell polarity. Traffic 2014-01-01 [PMID: 24138727] (WB, IHC-P, ICC/IF, Human)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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