

Product Datasheet

MSH5 Antibody 38750002-0.1mg

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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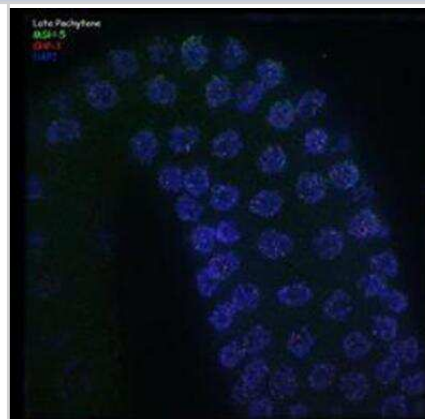
38750002-0.1mg**MSH5 Antibody**

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	4439
Gene Symbol	MSH5
Species	C. elegans
Reactivity Notes	C. elegans.
Specificity/Sensitivity	This product is specific for C. elegans msh-5.
Immunogen	This antibody was made against aa1164-1263 from the C Terminus Region of C. Elegans MSH5
Notes	This product was created from the ModEncode Project, a part of the NHGRI, and is sold by SDIX and Novus Biologicals. These C. elegans antibodies were generated in the labs of Jason Lieb, Susan Strome, Julie Ahringer, Arshad Desai, and Abby Dernburg.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Use in IHC-Fr reported in scientific literature (PMID:33772283)

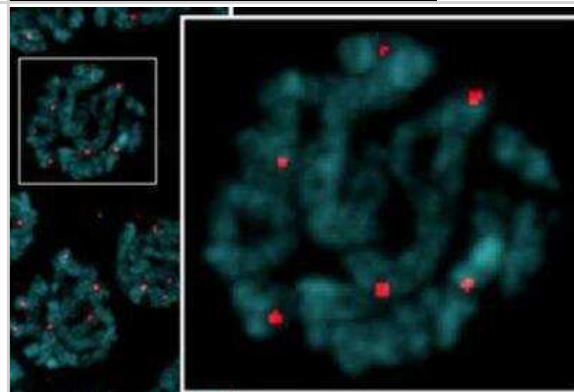


Images

Immunofluorescence: MSH5 Antibody [38750002] -This image is specific to animal number Q2374



Immunofluorescence: MSH5 Antibody [38750002] - This image is specific to animal number SDQ2376 1:10K Affinity Purified - Staining in N2



Publications

Toraason E, Adler V, Kurhanewicz N et al. Automated and customizable quantitative image analysis of whole *Caenorhabditis elegans* germlines Genetics 2021-01-23 [PMID: 33772283] (IHC-Fr, *C. elegans*)

Cahoon CK, Helm JM, Libuda DE Synaptonemal Complex Central Region Proteins Promote Localization of Pro-crossover Factors to Recombination Events During *Caenorhabditis elegans* Meiosis Genetics 2019-08-20 [PMID: 31431470] (ICC/IF, *C. elegans*)

Cahoon C, Helm J, Libuda D. Synaptonemal complex proteins direct and constrain the localization of crossover-promoting proteins during *Caenorhabditis elegans* meiosis bioRxiv 2019-01-18 (ICC/IF, *C. elegans*)

Woglar A, Villeneuve AM. Dynamic Architecture of DNA Repair Complexes and the Synaptonemal Complex at Sites of Meiotic Recombination. bioRxiv. [PMID: 29754818] (ICC/IF, *C. elegans*)

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.

Yajima M, Suglia E, Gustafson EA, Wessel GM. Meiotic gene expression initiates during larval development in the sea urchin Dev Dyn 2012-11-21 [PMID: 23172739] (IF/IHC, ICC/IF, Invertebrate)



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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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