

Product Datasheet

Sperm Flagellar 2 Antibody (4B10) - Azide and BSA Free H00079925-M01

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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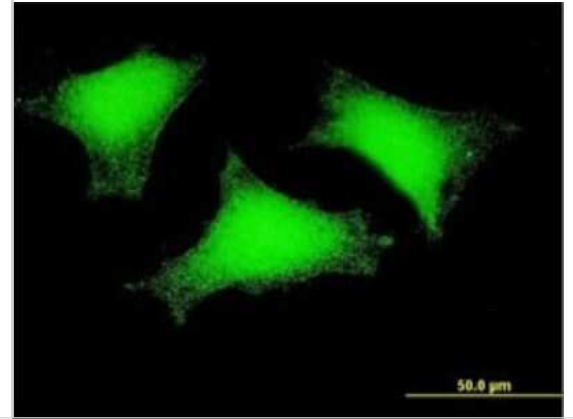
H00079925-M01**Sperm Flagellar 2 Antibody (4B10) - Azide and BSA Free**

Product Information	
Unit Size	0.05 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse Sperm Flagellar 2 Antibody (4B10) - Azide and BSA Free (H00079925-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Sperm Flagellar 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79925
Gene Symbol	SPEF2
Species	Human
Specificity/Sensitivity	FLJ23577 - KPL2 protein (4B10)
Immunogen	FLJ23577 (NP_079143, 324 a.a. ~ 422 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AQEEAYREEQLINRLMRQSQQERRIAVQLMHVRHEKEVLWQNRIFREKQHEE RRLKDFQDALDREAALAKQAKIDFEEQFLKEKRFHDQIAVERAQARY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody Reactive against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.



Images

Immunocytochemistry/Immunofluorescence: Sperm Flagellar 2 Antibody (4B10) [H00079925-M01] - Analysis of monoclonal antibody to SPEF2 on HeLa cell . Antibody concentration 10 ug/ml.



Publications

Sha Y, Liu W, Wei X et al. Biallelic mutations in Sperm flagellum 2 cause human multiple morphological abnormalities of the sperm flagella (MMAF) phenotype Clin. Genet. 2019-07-06 [PMID: 31278745]

Liu W, Sha Y, Li Y et al. Loss-of-function mutations in SPEF2 cause multiple morphological abnormalities of the sperm flagella (MMAF) J. Med. Genet. 2019-05-31 [PMID: 31151990]



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Products Related to H00079925-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-38461PEP	Sperm Flagellar 2 Recombinant Protein Antigen

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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