

# Product Datasheet

## Coronin 3 Antibody (1F7) - Azide and BSA Free H00023603-M02

Unit Size: 0.1 mg

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

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### Publications: 4

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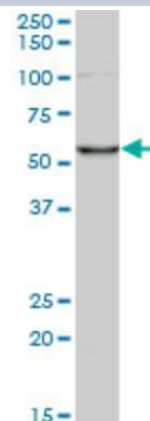
**H00023603-M02**

Coronin 3 Antibody (1F7) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1F7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Coronin 3 Antibody (1F7) - Azide and BSA Free (H00023603-M02) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-Coronin 3 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23603
<b>Gene Symbol</b>	CORO1C
<b>Species</b>	Human, Mouse, Monkey
<b>Specificity/Sensitivity</b>	CORO1C - coronin, actin binding protein, 1C (1F7)
<b>Immunogen</b>	CORO1C (NP_055140, 375 a.a. ~ 473 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EEWFEGKNADPILISLKHGYIPGKNRDLKVVVKNILDSKPTANKKCDLISIPKTT DTASVQNEAKLDEILKEIKSIKDTICNQDERISKLEQQMAKIA
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

## Images

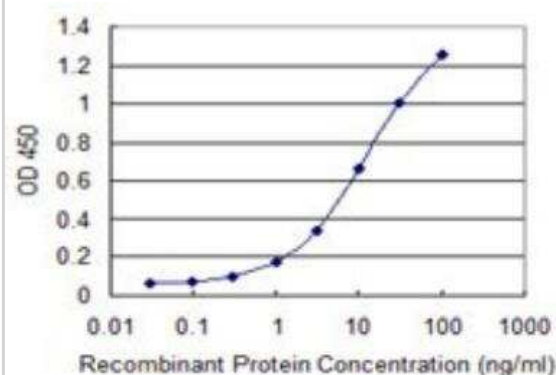
Western Blot: Coronin 3 Antibody (1F7) [H00023603-M02] - CORO1C monoclonal antibody (M02), clone 1F7. Analysis of CORO1C expression in Hela S3 NE.



Immunohistochemistry-Paraffin: Coronin 3 Antibody (1F7) [H00023603-M02] - Analysis of monoclonal antibody to CORO1C on formalin-fixed paraffin-embedded human uterine cervix. Antibody concentration 3 ug/ml.



ELISA: Coronin 3 Antibody (1F7) [H00023603-M02] - Detection limit for recombinant GST tagged CORO1C is 0.1 ng/ml as a capture antibody.



## Publications

Jun L, Lusong T, Zongpan J et al. Cytoplasmic RAD23B interacts with CORO1C to synergistically promote colorectal cancer progression and metastasis. *Cancer Lett.* 2021-05-29 [PMID: 34062216]

MA L,cuyer, O Saint-Laur, L BourbonniŠ, S Larouche, C Laroche, L Michel, M Charabati, M Abadier, S Zandee, N Haghayegh, E Gowing, C Pittet, R Lyck, B Engelhardt, A Prat Dual role of ALCAM in neuroinflammation and blood-brain barrier homeostasis *Proc. Natl. Acad. Sci. U.S.A.*, 2017-01-09;114(4):E524-E533. 2017-01-09 [PMID: 28069965]

Lim JP, Shyamasundar S, Gunaratne J et al. YBX1 gene silencing inhibits migratory and invasive potential via CORO1C in breast cancer in vitro. *BMC Cancer* 2017-03-16 [PMID: 28302118]

Kimura T, Yamaoka M, Taniguchi S et al. Activated Cdc42-Bound IQGAP1 Determines the Cellular Endocytic Site. *Mol Cell Biol.* 2013-10-07 [PMID: 24100016]



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### **Products Related to H00023603-M02**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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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