

# Product Datasheet

## WDR79 Antibody (1F12) - Azide and BSA Free H00055135-M04

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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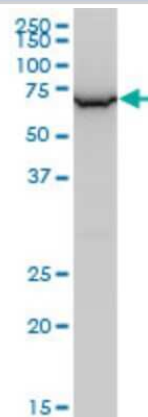


**H00055135-M04****WDR79 Antibody (1F12) - Azide and BSA Free**

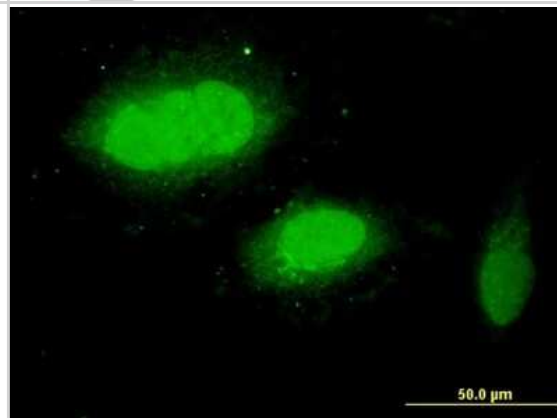
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1F12
<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 WDR79 Antibody (1F12) - Azide and BSA Free (H00055135-M04) is a monoclonal antibody validated for use in WB, ELISA, ICC/IF and IP. Anti-WDR79 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	55135
<b>Gene Symbol</b>	WRAP53
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	WDR79 - WD repeat domain 79 (1F12)
<b>Immunogen</b>	WDR79 (NP_060551.1, 62 a.a. ~ 160 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AVSQELREGDPVSLSTPLETEFGSPSELSPRIIEEQELSENTSLPAEEANGSLSE EEANGPELGSGKAMEDTSGEPAAEDEGDTAWNYSFSQLPRFLSGS
<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, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Application Notes</b>	Antibody Reactive against cell lysate and Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Use in immunoprecipitation reported in scientific literature (PMID 25512560)

**Images**

Western Blot: WDR79 Antibody (1F12) [H00055135-M04] - Analysis of WDR79 expression in A-431 (Cat # L015V1).



Immunocytochemistry/Immunofluorescence: WDR79 Antibody (1F12) [H00055135-M04] - Analysis of monoclonal antibody to WDR79 on HeLa cell. Antibody concentration 10 ug/ml



ELISA: WDR79 Antibody (1F12) [H00055135-M04] - Detection limit for recombinant GST tagged WDR79 is 0.03 ng/ml as a capture antibody.



## Publications

Mata-Garrido J, Tapia O, Casafont I et al. Persistent accumulation of unrepaired DNA damage in rat cortical neurons: nuclear organization and ChIP-seq analysis of damaged DNA. *Acta Neuropathol Commun* 2018-07-26 [PMID: 30049290]

Pederiva C, Bohm S, Julner A, Farnebo M. Splicing controls the ubiquitin response during DNA double-strand break repair. *Cell Death Differ* 2016-06-17 [PMID: 27315300]

Rassoolzadeh H, Bohm S, Hedstrom E et al. Overexpression of the scaffold WD40 protein WRAP53beta enhances the repair of and cell survival from DNA double-strand breaks. *Cell Death Dis* 2016-06-16 [PMID: 27310875]

Mata-Garrido J, Casafont I, Tapia O et al. Neuronal accumulation of unrepaired DNA in a novel specific chromatin domain: structural, molecular and transcriptional characterization. *Acta Neuropathol Commun* 2016-04-22 [PMID: 27102221]

Hedstrom E, Pederiva C, Farnebo J et al. Downregulation of the cancer susceptibility protein WRAP53beta in epithelial ovarian cancer leads to defective DNA repair and poor clinical outcome. *Cell Death Dis* 2015-01-01 [PMID: 26426684] (ICC/IF)

Henriksson Sofia, Rassoolzadeh Hanif, Hedstrom Elisabeth et al. The scaffold protein WRAP53beta orchestrates the ubiquitin response critical for DNA double-strand break repair. *Genes Dev.* 2014-12-15 [PMID: 25512560] (IP, Human)





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### **Products Related to H00055135-M04**

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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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