

# Product Datasheet

## NDRG1 Antibody (2D7) - Azide and BSA Free H00010397-M03

Unit Size: 0.1 mg

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

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**H00010397-M03**

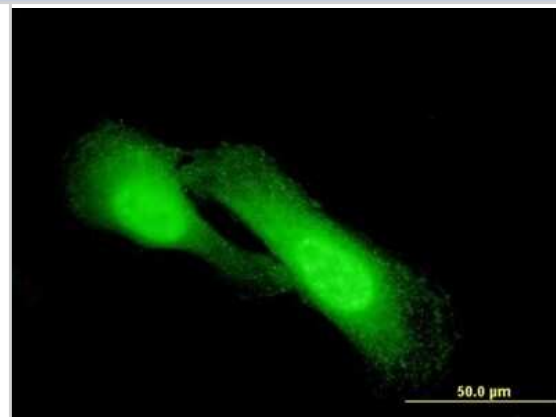
NDRG1 Antibody (2D7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse NDRG1 Antibody (2D7) - Azide and BSA Free (H00010397-M03) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-NDRG1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10397
Gene Symbol	NDRG1
Species	Human
Specificity/Sensitivity	NDRG1 - N-myc downstream regulated gene 1
Immunogen	NDRG1 (AAH03175, 1 a.a. ~ 394 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSREMQDVDLAEVKPLVEKGETITGLLQEFDVQEEDIETHGSLVHVTLCGTPK GNRPVILTYHDIGMNHKTCYNPLFNEDMQEITQHFAVCHVDAPGQQDGAASF PAGYMYPSMDQLAEMLPGLVQQFGLKSIIGMGTGAGAYILTRFALNNPEMVEG LVLINVNPCAEGWMDWAASKISGWTQALPDMVVSHLFGKEEMQSNVEVVHTY RQHIVNDMNPGNLHLFINAYNSRRDLEIERPMPGTHVTTLQCPALLVVDSSPA VDAVVECNSKLDPTKTTLLKMADCGGLPQISQPAKLAEAFKYFVQGMGYMP SA SMTRLMRSRTASGSSVTSLDGTRSRSHSTSEGTRSRSHSTSEGTRSRSHSTSEGA HLDITPNSGAAGNSAGPKSMEVSC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against recombinant protein for Western Blot.

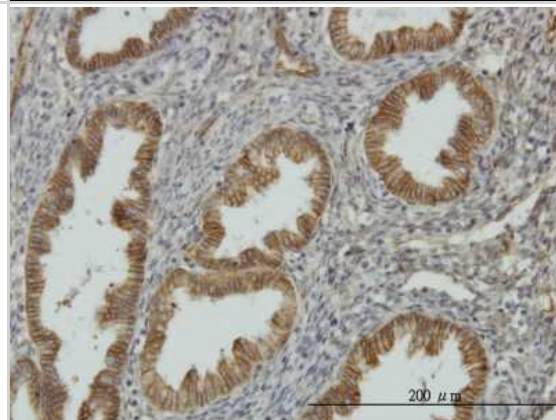


## Images

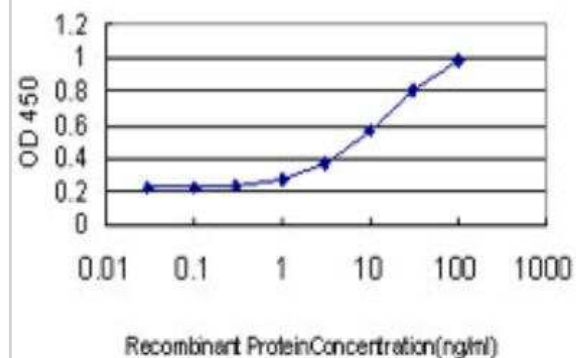
Immunocytochemistry/Immunofluorescence: NDRG1 Antibody (2D7) [H00010397-M03] - Analysis of monoclonal antibody to NDRG1 on HeLa cell. Antibody concentration 10 ug/ml



Immunohistochemistry-Paraffin: NDRG1 Antibody (2D7) [H00010397-M03] - Analysis of monoclonal antibody to NDRG1 on formalin-fixed paraffin-embedded human endometrium. Antibody concentration 0.7 ug/ml



ELISA: NDRG1 Antibody (2D7) [H00010397-M03] - Detection limit for recombinant GST tagged NDRG1 is approximately 1ng/ml as a capture antibody.



**Publications**

Kato W, Nishio M, To Y et al. MOB1 regulates thymocyte egress and T-cell survival in mice in a YAP1-independent manner. *Genes Cells*. 2019-05-24 [PMID: 31125466]

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Chen K, Liu XH, Wang FR et al. The prognostic value of decreased NDRG1 expression in patients with digestive system cancers: A meta-analysis. *Medicine (Baltimore)*. 2018-01-01 [PMID: 30313035]

Sahni S, Park KC, Kovacevic Z, Richardson DR. Two mechanisms involving the autophagic and proteasomal pathways process the metastasis suppressor protein, N-myc downstream regulated gene 1 *Biochim Biophys Acta Mol Basis Dis* 2019-02-11 [PMID: 30763642] (ICC/IF, Human)

Jiang K, Shen Z, Ye Y et al. A novel molecular marker for early detection and evaluating prognosis of gastric cancer: N-myc downstream regulated gene-1 (NDRG1). *Scand J Gastroenterol* 45(7-8):898-908. 2010-08-01 [PMID: 20388062]

Leth-Larsen R, Lund R, Hansen HV et al. Metastasis-related plasma membrane proteins of human breast cancer cells identified by comparative quantitative mass spectrometry. *Mol Cell Proteomics*. 2009-03-24 [PMID: 19321434]





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### **Products Related to H00010397-M03**

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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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