

Product Datasheet

NDRG1 Antibody (NDRG1/1383)

NBP2-48475-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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Updated 12/13/2020 v.20.1

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NBP2-48475-0.1mg

NDRG1 Antibody (NDRG1/1383)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	NDRG1/1383
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
Target Molecular Weight	43 kDa

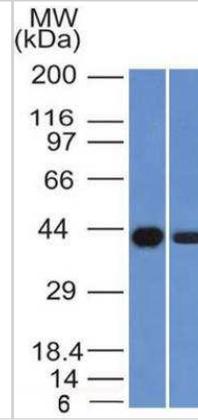
Product Description	
Host	Mouse
Gene ID	10397
Gene Symbol	NDRG1
Species	Human
Marker	Marker of Tumor Aggressiveness
Specificity/Sensitivity	It recognizes a protein of 43kDa, which is identified as N-myc downstream-regulated gene 1 protein (NDRG1). The NDRG) family is comprised of four members, NDRG1, NDRG2, NDRG3 and NDRG4, which share 57-65% homology. The NDRG1 gene is ubiquitously expressed, but it is expressed most prominently in placental membranes and prostate, kidney, small intestine and ovary tissue. NDRG1 is a direct transcriptional target gene of p53 to mediated cell death and apoptosis. NDRG1 gene expression is induced by several compounds, including nickel, and produces a protein involved in stress responses, hormone responses, cell growth and differentiation. The reduced expression of NDRG1 has been found to be associated with tumor metastasis in a variety of tumors, including cancers of the breast, colon, prostate, oral cavity and oropharynx. Reportedly, overexpression of NDRG1 in hepatocellular carcinoma is an indicator of tumor aggressiveness.
Immunogen	Recombinant fragment of human NDRG1 protein

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.5-1ug/ml, Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/ Immunofluorescence 0.5-1ug/ml
Application Notes	Human Chromosome Location: 8q24.3



Images

Western Blot: NDRG1 Antibody (NDRG1/1383) [NBP2-48475] - Analysis of Kidney and HeLa Cell Lysate using NDRG1 Monoclonal Antibody (NDRG1/1383)





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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