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<b>Product name:</b>	NDRG1
<b>Cat number:</b>	AB-80570
<b>Size:</b>	100µg
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 175-394 of human NDRG1
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 -1:1000 Immunofluorescence: 1:50 -1:100
<b>Molecular Weight:</b>	48kDa
<b>Purification:</b>	Aff. Pur.
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Background:</b>	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein involved in stress responses, hormone responses, cell growth, and differentiation. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene



Western blot analysis of extracts of various cell lines, using NDRG1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.



Immunofluorescence analysis of U2OS cells using NDRG1 antibody  
Blue: DAPI for nuclear staining.