

## Phospho-NDRG1 (Thr346) (Clone: F5) rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	NDRG1T346-F5
<b>Application :</b>	FACS, WB
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	Unconjugated
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Differentiation-related gene 1 protein, N-myc downstream-regulated gene 1 protein, Nickel-specific induction protein Cap43, Reducing agents and tunicamycin-responsive protein, RTP, Rit42
<b>Isotype :</b>	Rabbit IgG1k

### Description

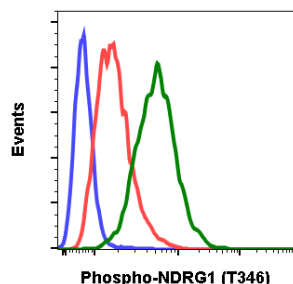
N-Myc down-regulated gene 1 (NDRG1) has been reported to be a direct transcriptional target of p53. NDRG1 appears to play a necessary, but not sufficient, role in apoptosis, though its exact mechanism of action remains unknown. NDRG1 expression is elevated in non-small cell lung cancer cells, promoting cancer growth and reducing cytotoxicity to certain anti-cancer drugs. NDRG1 is also elevated in solid tumors and is recognized as a negative prognostic indicator in breast cancer. Elevated NDRG1 expression is correlated with disease recurrence and metastasis in breast cancer. NDRG1 is phosphorylated by Sgk1, which itself is activated by mTORC2. Phosphorylation of NDRG1 at Thr346 promotes cellular differentiation in adipocytes.

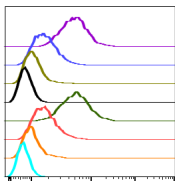
### Product Info

<b>Amount :</b>	200 l µl
<b>Content :</b>	1X PBS, 0.02% NaN <sub>3</sub> , 50% Glycerol, 0.1% BSA
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

1µg/mL - 0.001µg/mL. It is recommended that the reagent be titrated for optimal performance for each application. See product image legends for additional information.(0.5mg/ml)





IgG	Treatment	Peptide Block	Median : BL1A
F5	IFN	Non-phos.	4897
F5	Ctrl	Non-phos.	1692
F5	IFN	Phos.	1053
F5	Ctrl	Phos.	713
F5	IFN	-	9133
F5	Ctrl	-	1692
anti-p44 Ctrl	IFN $\alpha$	-	979
2' only	Ctrl	-	823

