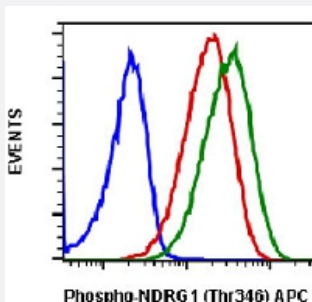


# NDRG1 (phospho T346) monoclonal antibody, clone F5 (APC)

Catalog # MAB21596 Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of THP1 cells with NDRG1 (phospho T346) monoclonal antibody, clone F5 (APC) (Cat # MAB21596). Unstained and untreated as negative control (blue) or stained and untreated (red) or stained and treated with IFN $\alpha$  plus IL-4 and pervanadate (green).

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human NDRG1.
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding T346 of human NDRG1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Conjugation</b>	APC
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (5 $\mu$ L/ $10^6$ cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — NDRG1

Entrez GeneID	<a href="#">10397</a>
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Protein Accession#	<a href="#">Q92597</a>
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Gene Name	NDRG1
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Gene Alias	CAP43, CMT4D, DRG1, GC4, HMSNL, NDR1, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5
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Gene Description	N-myc downstream regulated 1
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Omim ID	<a href="#">601455</a> <a href="#">605262</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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Gene Summary	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. It is necessary for p53-mediated caspase activation and apoptosis. Mutation in this gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
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Other Designations	differentiation-related gene 1 protein nickel-specific induction protein Cap43 protein regulated by oxygen-1 reducing agents and tunicamycin-responsive protein tunicamycin-responsive protein
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## Disease

- [Alzheimer disease](#)
- [Charcot-Marie-Tooth Disease](#)
- [Cognition](#)

- [Colorectal Neoplasms](#)
- [Deafness](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)