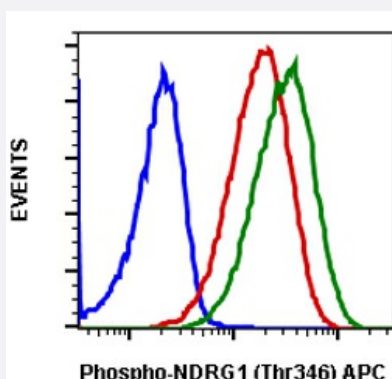


RecomAb™

# NDRG1 recombinant monoclonal antibody, clone NDRG1T346-F5 (APC)

Catalog # RAB02935      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric of THP1 cells unstained and untreated as negative control (blue) or stained and untreated (red) or stained and treated with IFNα plus IL-4 and pervanadate (green) using phospho-NDRG1 (Thr346) (F5) rabbit mAb, NDRG1T346-F5 APC conjugate.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NDRG1.
Antibody Species	Rabbit
Immunogen	A synthetic phosphor-peptide corresponding to residues surrounding Thr346 of human phospho NDRG1
Reactivity	Human
Form	Liquid
Conjugation	APC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	1X PBS, 0.09% Sodium azide, 0.2% BSA
<b>Storage Instruction</b>	Store at 4°C. Do not freeze.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

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## Gene Info — NDRG1

<b>Entrez GeneID</b>	<a href="#">10397</a>
<b>Protein Accession#</b>	<a href="#">Q92597</a>
<b>Gene Name</b>	NDRG1
<b>Gene Alias</b>	CAP43, CMT4D, DRG1, GC4, HMSNL, NDR1, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5
<b>Gene Description</b>	N-myc downstream regulated 1
<b>Omim ID</b>	<a href="#">601455</a> <a href="#">605262</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</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. 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]
<b>Other Designations</b>	differentiation-related gene 1 protein nickel-specific induction protein Cap43 protein regulated by oxygen-1 reducing agents and tunicamycin-responsive protein tunicamycin-responsive protein

## Disease

- [Alzheimer disease](#)

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