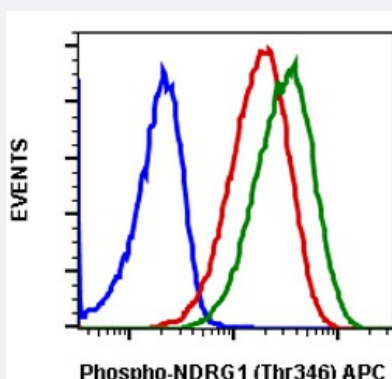


RecomAb™

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.

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

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 IFN α plus IL-4 and pervanadate (green) using phospho-NDRG1 (Thr346) (F5) rabbit mAb, NDRG1T346-F5 APC conjugate.

Gene Info — NDRG1

Entrez GeneID	10397
Protein Accession#	Q92597
Gene Name	NDRG1
Gene Alias	CAP43, CMT4D, DRG1, GC4, HMSNL, NDR1, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5
Gene Description	N-myc downstream regulated 1
Omim ID	601455 605262
Gene Ontology	Hyperlink
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]
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

Disease

- [Alzheimer disease](#)

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