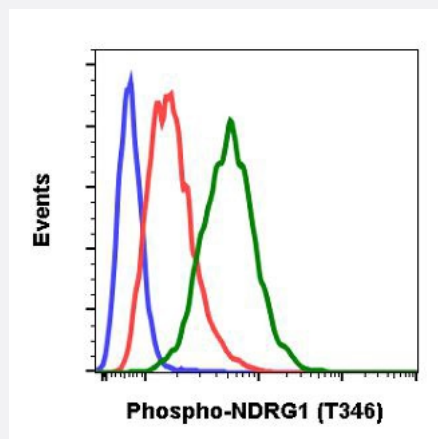


NDRG1 (phospho T346) monoclonal antibody, clone F5

Catalog # MAB18974 Size 20 uL

Applications



Flow Cytometry

Flow cytometric analysis of THP1 cells secondary antibody only negative control (blue) or untreated (red) or treated with IFN α + IL-4 + pervanadate (green) using NDRG1 (phospho T346) monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human NDRG1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding T346 of human NDRG1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A/G Purification
Isotype	IgG1k
Recommend Usage	Flow Cytometry (1 ug/mL - 0.001 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.02% sodium azide, 0.1% BSA).
Storage Instruction	Store at -20°C.

Note

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

Applications

- Flow Cytometry

Flow cytometric analysis of THP1 cells secondary antibody only negative control (blue) or untreated (red) or treated with IFN α + IL-4 + pervanadate (green) using NDRG1 (phospho T346) monoclonal antibody.

Gene Info — NDRG1

Entrez GeneID [10397](#)

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](#)