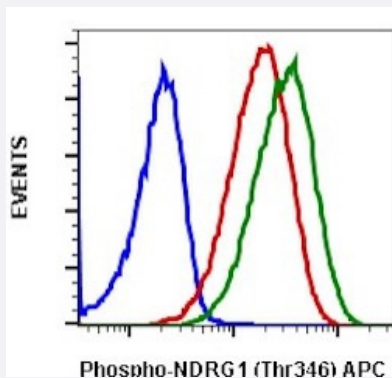


NDRG1 (phospho T346) monoclonal antibody, clone F5 (APC)

Catalog # MAB23440 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of THP-1 cells with NDRG1 (phospho T346) monoclonal antibody, clone F5 (APC) (Cat # MAB23440). 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).

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, Mouse
Form	Liquid
Conjugation	APC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 4°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 THP-1 cells with NDRG1 (phospho T346) monoclonal antibody, clone F5 (APC) (Cat # MAB23440). 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).

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](#)