

NDRG2 Antibody (monoclonal) (M06)**Mouse monoclonal antibody raised against a partial recombinant NDRG2.****Catalog # AT2993a****Specification**

NDRG2 Antibody (monoclonal) (M06) - Product Information

Application	WB
Primary Accession	Q9UN36
Other Accession	NM_016250
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	40798

NDRG2 Antibody (monoclonal) (M06) - Additional Information**Gene ID** 57447**Other Names**

Protein NDRG2, N-myc downstream-regulated gene 2 protein, Protein Syld709613, NDRG2, KIAA1248, SYLD

Target/Specificity

NDRG2 (NP_057334, 1 a.a. ~ 96 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

NDRG2 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

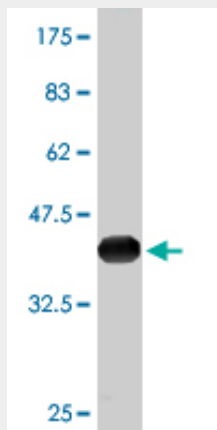
NDRG2 Antibody (monoclonal) (M06) - Protocols

Provided below are standard protocols that you may find useful for product applications.

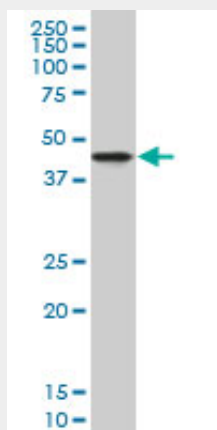
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDRG2 Antibody (monoclonal) (M06) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 kDa) .



NDRG2 monoclonal antibody (M06), clone 1D12. Western Blot analysis of NDRG2 expression in A-431 (Cat # AT2993a)

NDRG2 Antibody (monoclonal) (M06) - Background

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 that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

NDRG2 Antibody (monoclonal) (M06) - References

NDRG2 is one of novel intrinsic factors for regulation of IL-10 production in human myeloid cell. Choi SC, et al. Biochem Biophys Res Commun, 2010 Jun 4. PMID 20438703. Expression of NDRG2 in esophageal squamous cell carcinoma. Shi H, et al. Cancer Sci, 2010 May. PMID 20331630. HIF-1 and NDRG2 contribute to hypoxia-induced radioresistance of cervical cancer Hela cells. Liu J, et al. Exp

Cell Res, 2010 Jul 15. PMID 20206160.NDRG2 is a candidate tumor-suppressor for oral squamous-cell carcinoma. Furuta H, et al. Biochem Biophys Res Commun, 2010 Jan 22. PMID 20045673.NDRG1/2 expression is inhibited in primary acute myeloid leukemia. Tschan MP, et al. Leuk Res, 2010 Mar. PMID 19775754.