10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# NDRG2 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant NDRG2.
Catalog # AT2993a

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | Q9UN36 |
| **Other Accession** | NM_016250 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Names** | 1D12 |
| **Calculated MW** | 40798 |

## 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. |

## Background

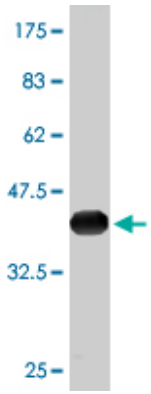
This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

## References

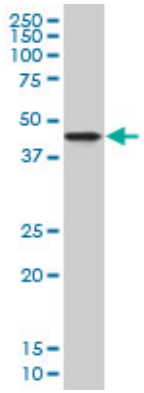
NDRG2 is one of novel intrinsic factors for regulation of IL-10 production in human myeloid cell. Choi SC, et

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.

## 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 )

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.