

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

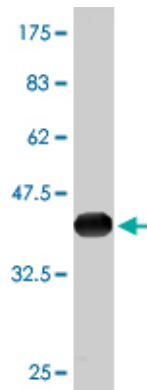
This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced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

References

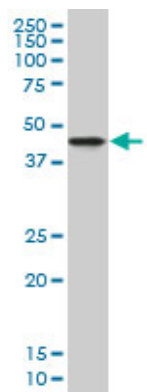
NDRG2 is one of novel intrinsic factors for regulation of IL-10 production in human myeloid cell. Choi SC, et

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'.