



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### NDRG1 monoclonal antibody (MA03), clone 2D7 (APC)

**Catalog Number:** H00010397-MA03

**Regulation Status:** For research use only (RUO)

**Product Description:** APC conjugated mouse monoclonal antibody raised against a full length recombinant NDRG1.

**Clone Name:** 2D7

**Immunogen:** NDRG1 (AAH03175, 1 a.a. ~ 394 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MSREMQDVDLAEVKPLVEKGETITGLLQEFDVQEQDI  
ETLHGSVHVTLCGTPKGNRPVILTYHDIGMNHKTCYNP  
LFNYEDMQEITQHFAVCHVDAPGQQDGAASFPAGYM  
YPSMDQLAEMLPGLVQQFGLKSIIGMTGAGAYILTRF  
ALNNPEMVEGLVLINVNPCAEGWMDWAASKISGWTQ  
ALPDMVVSHLFGKEEMQSNVEVVHTYRQHIVNDMNP  
GNLHLFINAYNSRRDLEIERPMPGTHTVTLQCPALLVV  
GDSSPAVDVVECNKLDPTKTLLKMADCGGLPQIS  
QPAKLAEAFKYFVQGMGYMPSASMTRLMRSRTASGS  
SVTSLDGTRSRSHSTSEGTRSRSHSTSEGTRSRSHSTSEG  
AHLDTNPNSGAAGNSAGPKSMEVSC

**Host:** Mouse

**Interspecies Antigen Sequence:** Mouse (93); Rat (93)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Conjugation:** APC

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 10397

**Gene Symbol:** NDRG1

**Gene Alias:** CAP43, CMT4D, DRG1, GC4, HMSNL,  
NDR1, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5

**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]