

## Datasheet

### RRM1 monoclonal antibody (M08), clone 2D11

**Catalog Number:** H00006240-M08

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

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant RRM1.

**Clone Name:** 2D11

**Immunogen:** RRM1 (NP\_001024.1, 593 a.a. ~ 792 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

IRNSLLIAPMPTASTAQILGNNEIEPYTSNIYTRRVLSG  
EFQIVNPHELLKDLTERGLWHEEMKNQIIACNGSIQSIPE  
IPDDLKQLYKTVWEISQKTVLKMAAERGAFIDQSQSLNI  
HIAEPNYGKLTSMHFYGWKQGLKTGMYYLRTRPAAN  
PIQFTLNKEKLKDEKVSKEEEEKERNTAAMVCSLENR  
DECLMCGS

**Host:** Mouse

**Reactivity:** Human, Mouse

**Applications:** ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

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

**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:** 6240

**Gene Symbol:** RRM1

**Gene Alias:** R1, RIR1, RR1

**Gene Summary:** This gene encodes one of two

non-identical subunits that constitute ribonucleoside-diphosphate reductase, an enzyme essential for the production of deoxyribonucleotides prior to DNA synthesis in S phase of dividing cells. It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region. [provided by RefSeq]