

## RDM1 rabbit pAb

**Cat No.:ES5112** 

For research use only

## Overview

Product Name RDM1 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Rat; Mouse;

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human RDM1. AA

range:118-167

**Specificity** RDM1 Polyclonal Antibody detects endogenous

levels of RDM1 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name RAD52 motif-containing protein 1

Gene Name RDM1

Cellular localization Nucleus . Cytoplasm . Nucleus, nucleolus . Isoform 3

and isoform 10 are predominantly nuclear and nucleolar. After treatment with proteasomal inhibitors and mild heat-shock stress, isoform 1, isoform 3, isoform 5, isoform 7, isoform 8 and

isoform 10 are r

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 201299 Human Swiss-Prot Number Q8NG50

Alternative Names RDM1; RAD52B; RAD52 motif-containing protein 1;

RAD52 homolog B

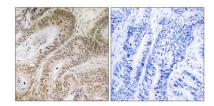
Background This gene encodes a protein involved in the cellular





response to cisplatin, a drug commonly used in chemotherapy. The protein encoded by this gene contains two motifs: a motif found in RAD52, a protein that functions in DNA double-strand breaks and homologous recombination, and an RNA recognition motif (RRM) that is not found in RAD52. The RAD52 motif region in RAD52 is important for protein function and may be involved in DNA binding or oligomerization. Alternatively spliced transcript variants encoding different isoforms have been reported. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using RDM1 Antibody. The picture on the right is blocked with the synthesized peptide.



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