

# RRM2B Antibody



PACO43536

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:2000,  
IHC:1:20-1:200

**Protein Background:**

Plays a pivotal role in cell survival by repairing damaged DNA in a p53/TP53-dependent manner. Supplies deoxyribonucleotides for DNA repair in cells arrested at G1 or G2. Contains an iron-tyrosyl free radical center required for catalysis. Forms an active ribonucleotide reductase (RNR) complex with RRM1 which is expressed both in resting and proliferating cells in response to DNA damage.

**Gene ID:**

RRM2B

**Uniprot**

Q7LG56

**Synonyms:**

Ribonucleoside-diphosphate reductase subunit M2 B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2), RRM2B, P53R2

**Immunogen:**

Recombinant Human Ribonucleoside-diphosphate reductase subunit M2 B protein (1-351AA).

**Storage:**

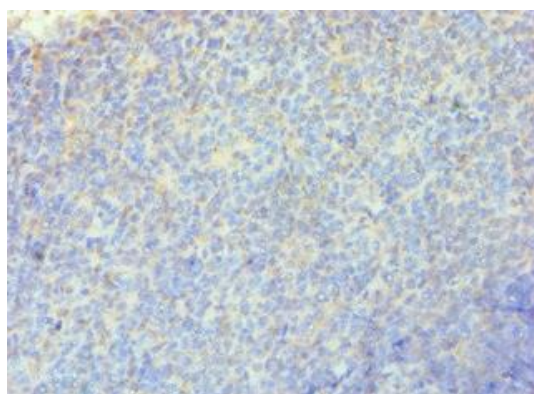
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot. All lanes: RRM2B antibody at 3 $\mu$ g/ml. Lane 1: MCF-7 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: HepG2 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 41, 35, 16, 8, 5, 49 kDa. Observed band size: 41 kDa.



Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO43536 at dilution of 1:100.