

**RRM2B Recombinant Rabbit mAb**

Catalog: BS47395

Host: Rabbit

Reactivity: Human

**BackGround:**

This gene encodes the small subunit of a p53-inducible ribonucleotide reductase. This heterotetrameric enzyme catalyzes the conversion of ribonucleoside diphosphates to deoxyribonucleoside diphosphates. The product of this reaction is necessary for DNA synthesis. Mutations in this gene have been associated with autosomal recessive mitochondrial DNA depletion syndrome, autosomal dominant progressive external ophthalmoplegia-5, and mitochondrial neurogastrointestinal encephalopathy. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010]

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

41 kDa

**Swiss-Prot:**

Q7LG56

**Purification&Purity:**

Affinity Purification

**Applications:**

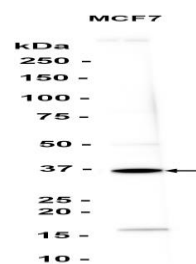
WB: 1:1000 IHC: 1:200 ICC/IF: 1:100  
FC: 1:20 IP: 1:20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of extracts from MCF-7 cells using db11866 at 1:1000.

**Note:**

For research use only, not for use in diagnostic procedure.

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