Recombinant RRM2B/P53R2 Monoclonal Antibody

catalog number: **AN300433P**

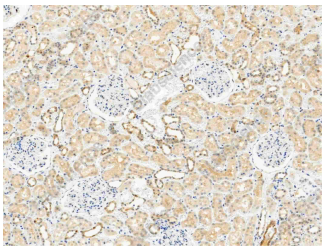
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

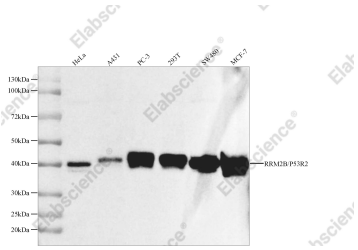
Reactivity	Human
Immunogen	Recombinant Human RRM2B/P53R2 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C320195
Purification	Affinity Purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC-P	1:200-1:500
IP	1:10-1:100

Data



Immunohistochemical analysis of paraffin-embedded Human kindey tissue sections using RRM2B/P53R2 Antibody (AN300433P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC s



Western blot analysis of Hela, A431, PC-3, 293T, SW480 and MCF7 cell lysates using RRM2B/P53R2 Antibody (AN300433P) at a dilution of 1:1500.
Observed-MW:41 kDa
Calculated-MW:41 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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]