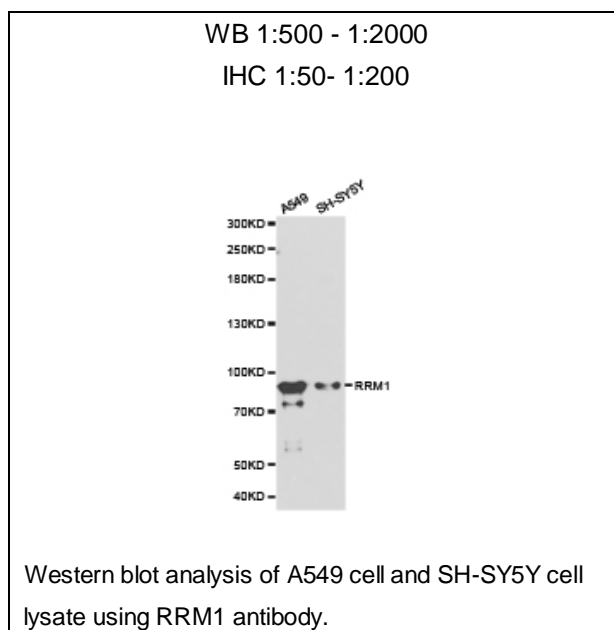




## RRM1 Polyclonal Antibody

E91152

- Catalog Number:** E91152  
**Amount:** 100ul  
**Background:** Ribonucleotide reductase catalyzes the rate-limiting step in the synthesis of deoxynucleotide triphosphates (dNTPs). The regulatory M1 subunit (RRM1) is present throughout the cell division cycle, but downregulated in quiescent cells (1). Research studies have demonstrated that RRM1 is involved in carcinogenesis and tumor progression, and its expression is correlated with resistance to chemotherapy in non-small cell lung cancer (2-4).  
**Species:** Rabbit  
**Isotype:** IgG  
**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Synonyms:** RRM1;R1;RIR1;RR1 ;  
**Immunogen:** Recombinant protein of human RRM1  
**Purification:** Affinity purification  
**Reactivity:** H M R  
**Applications:** WB IHC  
**Molecular Weight:** 90kDa  
**Swiss-Prot No. :** P23921  
**Gene ID:** 6240  
**References:** 1. Mann, G.J. et al. (1988) Cancer Res 48, 5151-6. 2. Zheng, Z. et al. (2007) N Engl J Med 356, 800-8. 3. Ceppi, P. et al. (2006) Ann Oncol 17, 1818-25. 4. Bepler, G. et al. (2006) J Clin Oncol 24, 4731-7.



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