

bs-7116R**[Primary Antibody]****RO60 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse) Predicted MW.: 61 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 6738	SWISS: P10155	
Target: RO60		
Immunogen: KLH conjugated synthetic peptide derived from human TROVE-2/SSA2: 331-430/538.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Ro autoantigens are of clinical significance because antibodies directed against them are found in most patients with primary Sjogren syndrome, subacute cutaneous lupus erythematosus (SLE), neonatal lupus erythematosus, ANA-negative lupus erythematosus, and systemic lupus erythematosus-like disease secondary to homozygous C2 or C4 complement deficiency (1). Ro/SSA is a ribonucleoprotein that binds to autoantibodies in 35 to 50% of patients with SLE and in up to 97% of patients with Sjogren syndrome (2). The Ro/SSA particle consists of a single immunoreactive protein noncovalently bound with one of four small RNA molecules (2). Most anti-Ro/SSA-positive sera antibodies detect not only the main protein, but also a smaller Ro/SSA protein (2). The genes which encode the smaller and larger proteins map to human chromosomes 11p15.5 and 1q31, respectively (3?). La/SSB is an autoimmune RNA-binding protein that plays a role in the transcription of RNA polymerase III was originally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and SLE (6).		