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Datasheet for ABIN1397904

**anti-TROVE2 antibody (AA 331-430) (Alexa Fluor 350)**

## Overview

Quantity:	100 µL
Target:	TROVE2
Binding Specificity:	AA 331-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TROVE2 antibody is conjugated to Alexa Fluor 350
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TROVE-2/SSA2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	TROVE2
Alternative Name:	TROVE-2 ( <a href="#">TROVE2 Products</a> )
Background:	Synonyms: TROVE2, 60 kDa ribonucleoprotein Ro, 60 kDa Ro protein, 60 kDa SS A/Ro

## Target Details

ribonucleoprotein, 60 kDa SS-A/Ro ribonucleoprotein, Autoantigen Ro/SSA, 60-KD, bA101E13.2, Gastric cancer multi drug resistance protein, Ribonucleoprotein autoantigen SS A/Ro, RO 60, Ro 60 kDa autoantigen, RO60, RO60\_HUMAN, RoRNP, Sjogren syndrome antigen A2, Sjogren syndrome type A antigen, Sjogren syndrome antigen A2 60kD ribonucleoprotein autoantigen SS A/Ro, Sjogren syndrome antigen A2 60 kDa ribonucleoprotein autoantigen SS A/Ro, Sjogren syndrome antigen A2, SS A, SS-A, SS-A/Ro, SSA 2, SSA, SSA2, TROVE 2, TROVE domain family member 2, TROVE2.

Background: Ro autoantigens are of clinical significance because 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 auto 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 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 auto from patients with Sjren syndrome and SLE (6).

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

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	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months