

Rabbit anti-Human, Rat TROVE2/SS-A/RO60 Polyclonal Antibody | anti-RO60 antibody

Anti-TROVE2/SS-A/RO60 Antibody Picoband

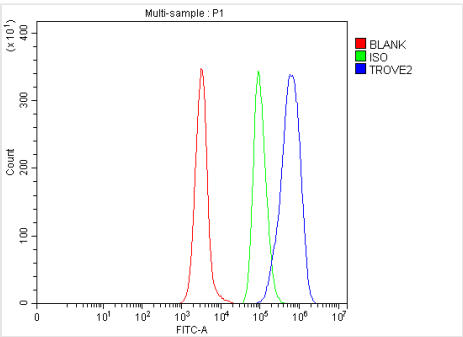
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126305	Rabbit	Human, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TROVE2/SS-A/RO60; Polyclonal Antibody; Anti-TROVE2/SS-A/RO60 Antibody Picoband; anti-RO60 antibody

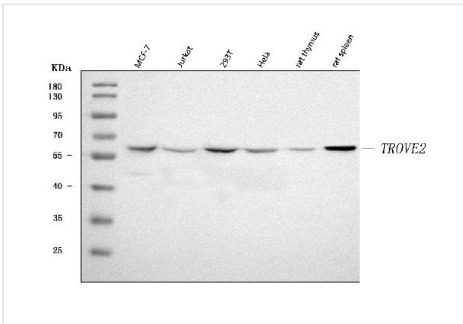
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-RO60 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TROVE2/SS-A/RO60 recombinant protein (Position: K88-M419).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of Daudi cells using anti-TROVE2/SS-A/RO60 antibody (AAA126305).Overlay histogram showing Daudi cells stained with AAA126305 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TROVE2/SS-A/RO60 Antibody (AAA126305, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TROVE2/SS-A/RO60 using anti-TROVE2/SS-A/RO60 antibody (AAA126305).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human MCF-7 whole cell lysates,Lane 2: human Jurkat whole cell lysates,Lane 3: human 293T whole cell lysates,Lane 4: human HeLa whole cell lysates,Lane 5: rat thymus tissue lysates,Lane 6: rat spleen tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TROVE2/SS-A/RO60 antigen affinity purified polyclonal antibody (#AAA126305) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TROVE2/SS-A/RO60 at approximately 60 kDa. The expected band size for TROVE2/SS-A/RO60 is at 61 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RO60 antibody	Enables RNA binding activity. Involved in cellular response to interferon-alpha and regulation of gene expression. Located in cytosol and nucleoplasm. Part of ribonucleoprotein complex. The cDNA that encodes the 60-kD Ro/SSA autoantigen recognized by autoantibodies in certain lupus erythematosus (152700) and Sjogren syndrome (270150) sera was cloned and sequenced by Deutscher et al. (1988) and confirmed with minor differences by Ben-Chetrit et al. (1989).
Product Categories/Family for anti-RO60 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	108796056
NCBI GeneID	6738
NCBI Accession #	NP_001035828.1
NCBI GenBank Nucleotide #	NM_001042369.2
UniProt Accession #	P10155; Q5LJ98; Q5LJ99; Q86WL3; Q86WL4; Q92787; Q9H1W6; B2RBB9
Molecular Weight	60,671 Da
NCBI Official Full Name	60 kDa SS-A/Ro ribonucleoprotein isoform 1
NCBI Official Synonym Full Names	TROVE domain family, member 2
NCBI Official Symbol	TROVE2
NCBI Official Synonym Symbols	RO60; SSA2; RORNP
NCBI Protein Information	60 kDa SS-A/Ro ribonucleoprotein; 60 kDa ribonucleoprotein Ro; sjogren syndrome type A antigen; gastric cancer multi-drug resistance protein; Sjogren syndrome antigen A2 (60kD, ribonucleoprotein autoantigen SS-A/Ro)
UniProt Protein Name	60 kDa SS-A/Ro ribonucleoprotein

UniProt Gene Name	TROVE2
UniProt Synonym Gene Names	RO60; SSA2; 60 kDa Ro protein; 60 kDa ribonucleoprotein Ro; RoRNP; SS-A
UniProt Entry Name	RO60_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/trove2-ss-a-ro60-antibody-flow-cytometry-western-blot-elisa/126305>