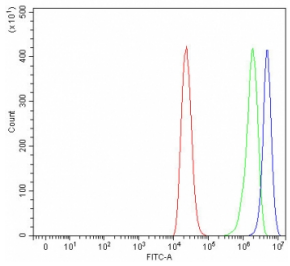
SSR2 Antibody / TRAPB / TRAP beta (RQ7904)

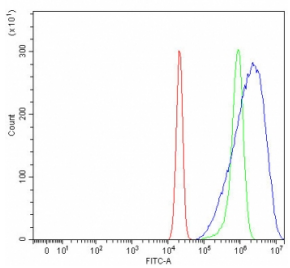
Catalog No.	Formulation	Size
RQ7904	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

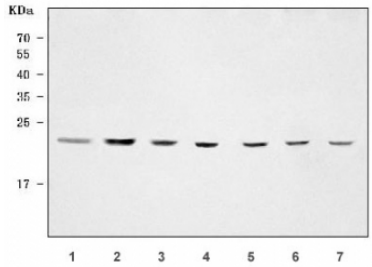
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P43308
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This SSR2 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with SSR2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SSR2 antibody.



Flow cytometry testing of human U-2 OS cells with SSR2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SSR2 antibody.



Western blot testing of 1) human Jurkat, 2) human HepG2, 3) human COLO-320, 4) rat liver, 5) rat RH35, 6) mouse liver and 7) mouse HEPA1-6 cell lysate with SSR2 antibody. Expected molecular weight: 20-22 kDa.

Description

Translocon-associated protein subunit beta also known as TRAP-beta is a protein that in humans is encoded by the SSR2 gene. The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein (alpha-SSR or SSR1) and a 22-kD glycoprotein (beta-SSR or SSR2). The human beta-signal sequence receptor gene (SSR2) maps to chromosome bands 1q21-q23.

Application Notes

Optimal dilution of the SSR2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E18-E138) was used as the immunogen for the SSR2 antibody.

Storage

After reconstitution, the SSR2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com