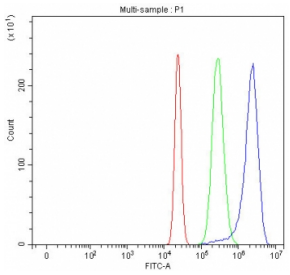
TSPY1/2/3/4 Antibody (RQ7596)

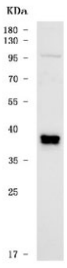
Catalog No.	Formulation	Size
RQ7596	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q01534, A6NKD2, P0CV98, P0CV99
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TSPY1/2/3/4 antibody is available for research use only.



Flow cytometry testing of human U-2 OS cells with TSPY1/2/3/4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TSPY1/2/3/4 antibody.



Western blot testing of human LNCaP cell lysate with TSPY1/2/3/4 antibody. Predicted molecular weight: 33-36 kDa.

Description

Testis-specific Y-encoded protein 1/2/3/4 is a protein that in humans is encoded by the TSPY genes 1-4. The protein encoded by this gene may be involved in spermatogenesis. Many functional paralogs and pseudogenes of this gene are present in a cluster in humans, but only a single, nonfunctional orthologous gene is found in mouse. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the TSPY1/2/3/4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids R16-R247) was used as the immunogen for the TSPY1/2/3/4 antibody.

Storage

After reconstitution, the TSPY1/2/3/4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.