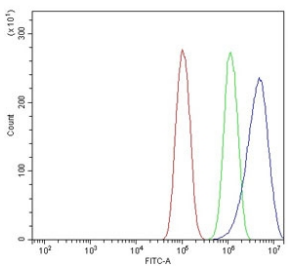
SRD5A1 Antibody (RQ6397)

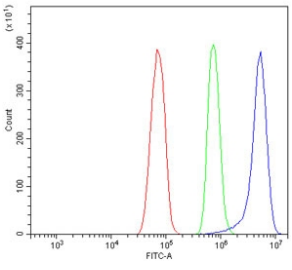
Catalog No.	Formulation	Size
RQ6397	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

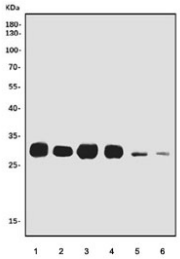
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P18405
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SRD5A1 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with SRD5A1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SRD5A1 antibody.



Flow cytometry testing of rat RH35 cells with SRD5A1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SRD5A1 antibody.



Western blot testing of 1) rat liver, 2) rat kidney, 3) rat testis, 4) mouse liver, 5) mouse kidney and 6) mouse testis tissue lysate with SRD5A1 antibody. Predicted molecular weight ~29 kDa.

Description

Converts testosterone into 5-alpha-dihydrotestosterone and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology. [UniProt]

Application Notes

Optimal dilution of the SRD5A1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Y38-R251) was used as the immunogen for the SRD5A1 antibody.

Storage

After reconstitution, the SRD5A1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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