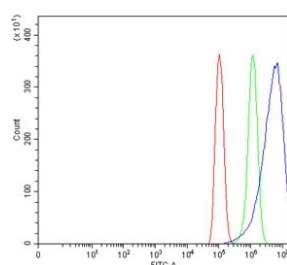


Retinol dehydrogenase 10 Antibody / RDH10 (RQ7387)

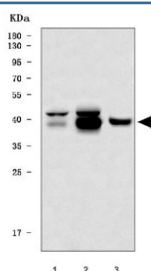
Catalog No.	Formulation	Size
RQ7387	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, 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	Q8IZV5
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Retinol dehydrogenase 10 antibody is available for research use only.



Flow cytometry testing of human PC-3 cells with Retinol dehydrogenase 10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Retinol dehydrogenase 10 antibody.



Western blot testing of 1) human HepG2, 2) human A549 and 3) rat liver tissue lysate with Retinol dehydrogenase 10 antibody. Predicted molecular weight ~38 kDa.

Description

The RDH10 gene encodes a retinol dehydrogenase, which converts all-trans-retinol to all-trans-retinal, with preference for NADP as a cofactor. Studies in mice suggest that this protein is essential for synthesis of embryonic retinoic acid and is required for limb, craniofacial, and organ development.

Application Notes

Optimal dilution of the Retinol dehydrogenase 10 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-I341) was used as the immunogen for the Retinol dehydrogenase 10 antibody.

Storage

After reconstitution, the Retinol dehydrogenase 10 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.