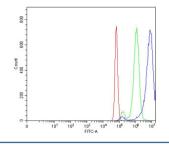


ROR beta Antibody / RORB (RQ6921)

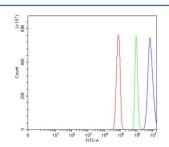
Catalog No.	Formulation	Size
RQ6921	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

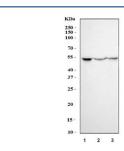
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92753
Applications	Western Blot : 0.5-1 ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ROR beta antibody is available for research use only.



Flow cytometry testing of mouse Neuro-2a cells with ROR beta antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ROR beta antibody.



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



Western blot testing of 1) human HepG2, 2) mouse brain and 3) rat brain tissue lysate with ROR beta antibody. Predicted molecular weight \sim 53 kDa.

Description

RAR-related orphan receptor beta (ROR-beta), also known as NR1F2 (nuclear receptor subfamily 1, group F, member 2) is a nuclear receptor that in humans is encoded by the RORB gene. The protein encoded by this gene is a member of the NR1 subfamily of nuclear hormone receptors. It is a DNA-binding protein that can bind as a monomer or as a homodimer to hormone response elements upstream of several genes to enhance the expression of those genes. The encoded protein has been shown to interact with NM23-2, a nucleoside diphosphate kinase involved in organogenesis and differentiation, and to help regulate the expression of some genes involved in circadian rhythm.

Application Notes

Optimal dilution of the ROR beta antibody should be determined by the researcher.

Immunogen

Recombinant human ROR beta/RORB protein (amino acids M1-K470) was used as the immunogen for the ROR beta antibody.

Storage

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