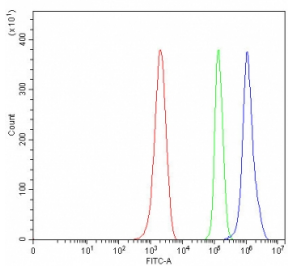
OGFr Antibody / Opioid growth factor receptor (RQ7869)

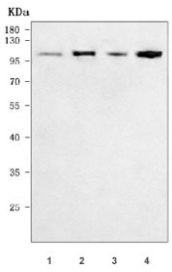
Catalog No.	Formulation	Size
RQ7869	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
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	Q99PG2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This OGFr antibody is available for research use only.



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



Western blot testing of mouse 1) heart, 2) liver, 3) HEPA1-6 and 4) C2C12 cell lysate with OGFr antibody. Predicted molecular weight ~71 kDa, can be observed at 90-110 kDa.

Description

Opioid growth factor receptor, also known as OGFr or the zeta-opioid receptor, is a protein which in humans is encoded by the OGFR gene. Predicted to enable G protein-coupled opioid receptor activity. Predicted to act upstream of or within regulation of growth. Predicted to be located in cytoplasm; membrane; and nucleus. Is expressed in genitourinary system and metanephros. Orthologous to human OGFR (opioid growth factor receptor).

Application Notes

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

Immunogen

E. coli-derived recombinant mouse protein (amino acids H217-K427) was used as the immunogen for the OGFr antibody.

Storage

After reconstitution, the OGFr 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.