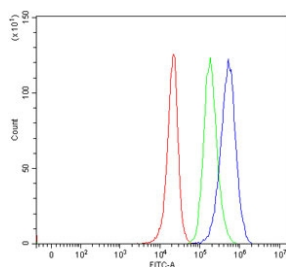


hKR3 Antibody / Krueppel-related zinc finger protein 3 / ZBTB48 / TZAP (RQ7489)

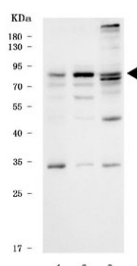
Catalog No.	Formulation	Size
RQ7489	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P10074
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This hKR3 antibody is available for research use only.



Flow cytometry testing of human 293T cells with hKR3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= hKR3 antibody.



Western blot testing of human 1) 293T, 2) HepG2 and 3) U-251 cell lysate with hKR3 antibody. Predicted molecular weight ~77 kda.

Description

Zinc finger and BTB domain containing 48 (ZBTB48), also known as telomeric zinc-finger associated protein (TZAP) and Krueppel-related zinc finger protein 3 (hKR3), is a protein that directly binds to the double-stranded repeat sequence of telomeres. In humans it is encoded by the ZBTB48 gene. ZBTB48 contains 1 BTB (POZ) domain and 11 C2H2-type zinc fingers and belongs to the krueppel C2H2-type zinc-finger protein family. ZBTB48 is detected in adrenal gland and neuroblastoma. It binds to and regulates the J and/or S elements in MHC II promoter.

Application Notes

Optimal dilution of the hKR3 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids Q24-E664) was used as the immunogen for the hKR3 antibody.

Storage

After reconstitution, the hKR3 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.