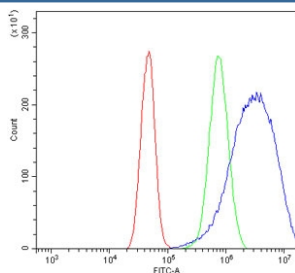


BTG2 Antibody (RQ4303)

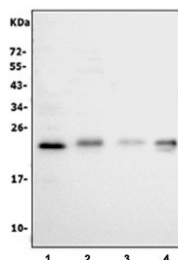
Catalog No.	Formulation	Size
RQ4303	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	P78543
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This BTG2 antibody is available for research use only.



Flow cytometry testing of human A431 cells with BTG2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BTG2 antibody.



Western blot testing of human 1) HepG2, 2) PC-3, 3) U-2 OS and 4) A549 cell lysate with BTG2 antibody at 0.5ug/ml. Predicted molecular weight ~17 kDa.

Description

Protein BTG2, also known as BTG family member 2 or NGF-inducible anti-proliferative protein PC3 or NGF-inducible protein TIS21, is a protein that in humans is encoded by the BTG2 gene. The protein encoded by the gene BTG2 is a member of the BTG/Tob family. This protein controls cell cycle progression and proneural genes expression by acting as a transcription coregulator that enhances or inhibits the activity of transcription factors.

Application Notes

Optimal dilution of the BTG2 antibody should be determined by the researcher.

Immunogen

Amino acids EQRLKVFSGALQEALTEHYKHHWFPEK were used as the immunogen for the BTG2 antibody.

Storage

After reconstitution, the BTG2 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.