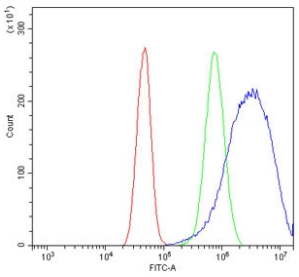
# BTG2 Antibody (RQ4303)

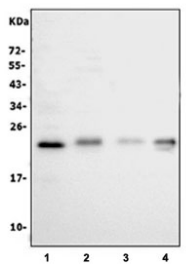
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4303 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **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<br>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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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