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# anti-BTG1 antibody





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Quantity:	200 μL
Target:	BTG1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTG1 antibody is un-conjugated
Application:	Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant fusion protein of human BTG1 (NP_001722.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	BTG1
Alternative Name:	BTG1 (BTG1 Products)
Background:	This gene is a member of an anti-proliferative gene family that regulates cell growth and
	differentiation. Expression of this gene is highest in the G0/G1 phases of the cell cycle and
	downregulated when cells progressed through G1. The encoded protein interacts with several
	nuclear receptors, and functions as a coactivator of cell differentiation. This locus has been

## Target Details

	shown to be involved in a t(8,12)(q24,q22) chromosomal translocation in a case of B-cell chronic lymphocytic leukemia.
Gene ID:	694
UniProt:	P62324
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

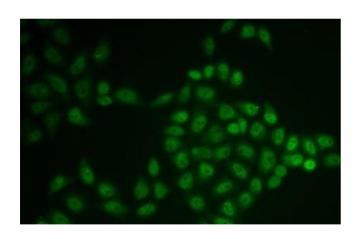
# Application Details

Application Notes:	IF 1:50-1:100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

#### **Images**



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using BTG1 Polyclonal Antibody