

## Product datasheet for **TA808197M**

### BTG2 Mouse Monoclonal Antibody [Clone ID: OTI4C10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C10
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BTG2(NP_006754) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17.2 kDa
Gene Name:	BTG family member 2
Database Link:	<a href="#">NP_006754</a> <a href="#">Entrez Gene 12227 Mouse</a> <a href="#">Entrez Gene 29619 Rat</a> <a href="#">Entrez Gene 7832 Human</a> <a href="#">P78543</a>
Background:	The protein encoded by this gene is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative properties. This encoded protein is involved in the regulation of the G1/S transition of the cell cycle. [provided by RefSeq, Jul 2008]
Synonyms:	APRO1; PC3; TIS21
Note:	WB application: Only overexpression results are guaranteed, not endogenous.


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Protein Families: Transcription Factors

## Product images:

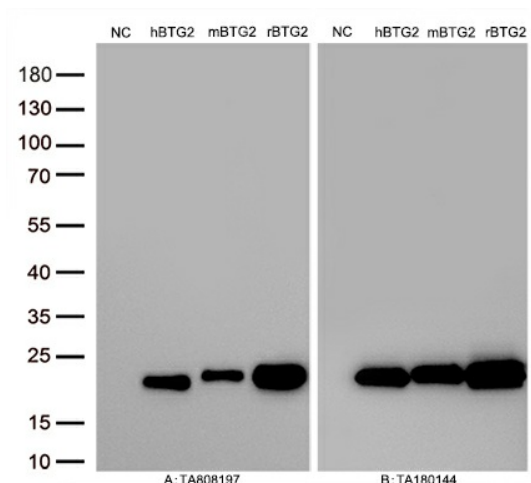
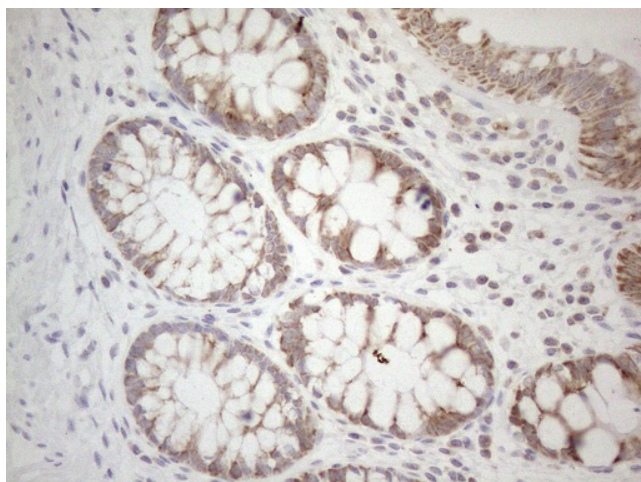
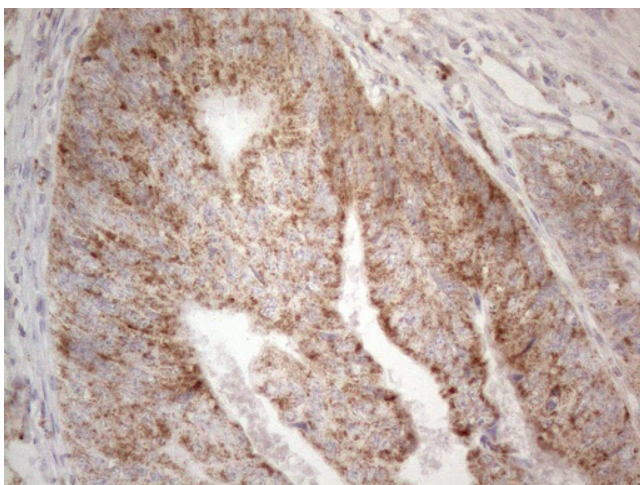


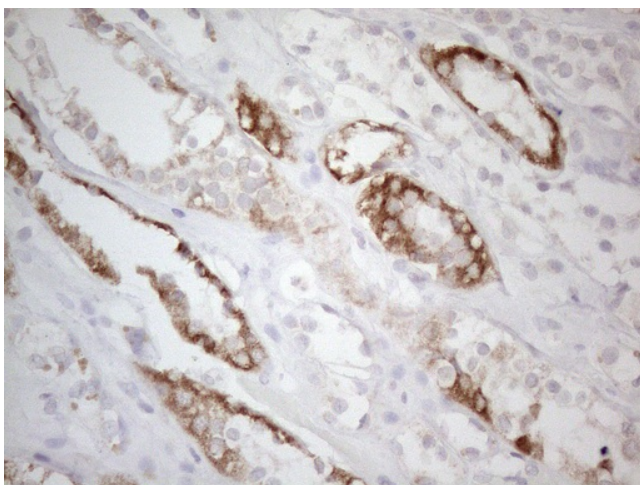
Figure A, Western blot analysis of overexpressed lysates (25ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human BTG2 plasmid ([RC214600], hBTG2), mouse BTG2 plasmid ([MR227532], mBTG2), rat BTG2 plasmid ([RR205779], rBTG2) using anti-BTG2 antibody [TA808197] (1:5000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody ([TA180144], 1:5000@1mg/ml).



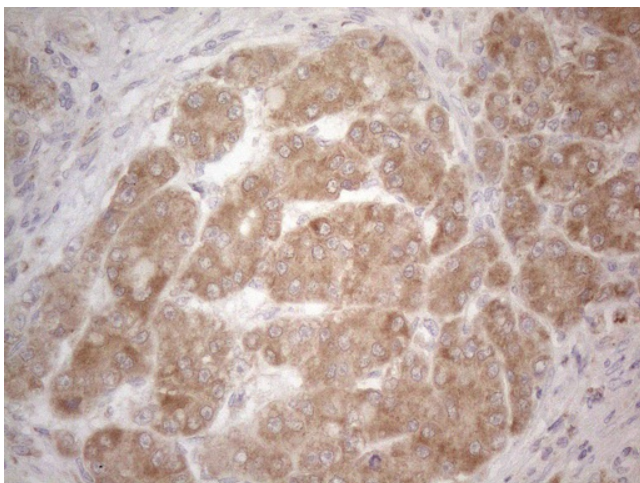
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-BTG2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



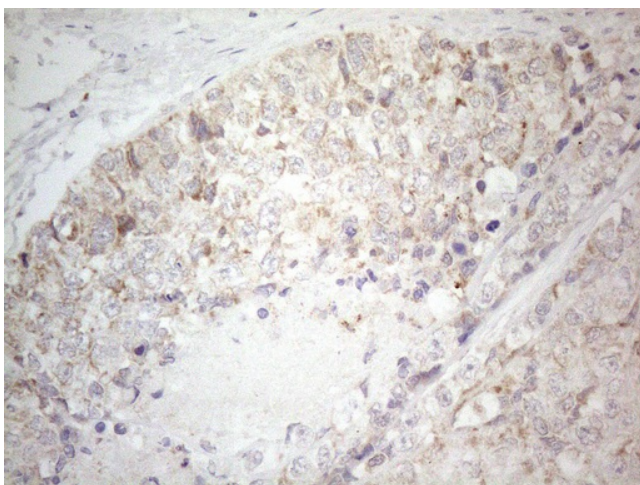
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BTG2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-BTG2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-BTG2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BTG2 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.