

## Product datasheet for **TA810334BM**

### **BAX Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI2A1]**

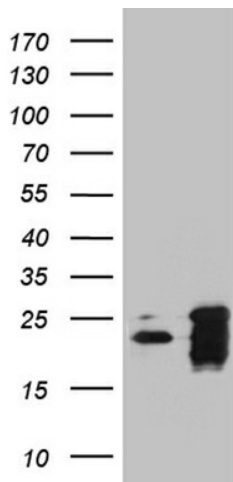
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2A1
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IHC 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 1-172 of human BAX (NP_620116) produced in E.coli.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	21 kDa
<b>Gene Name:</b>	BCL2 associated X protein
<b>Database Link:</b>	<a href="#">NP_620116</a> <a href="#">Entrez Gene 12028 Mouse</a> <a href="#">Entrez Gene 24887 Rat</a> <a href="#">Entrez Gene 581 Human</a> <a href="#">Q07812</a>
<b>Synonyms:</b>	BCL2L4
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Huntington's disease, Neurotrophin signaling pathway, p53 signaling pathway, Pathways in cancer, Prion diseases

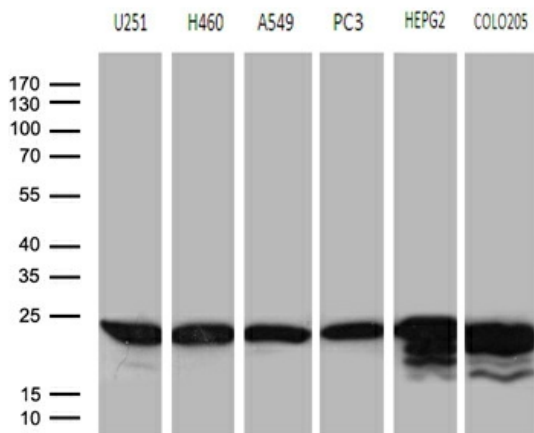


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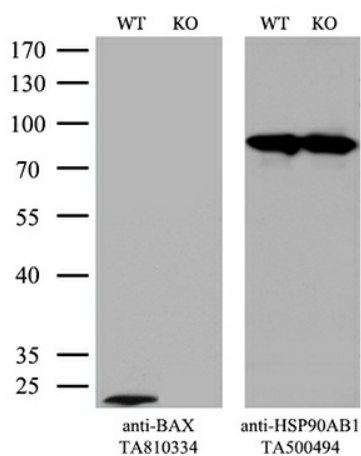
**Product images:**



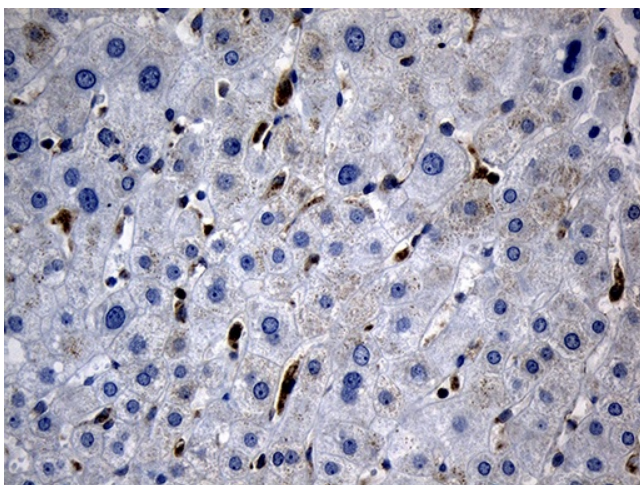
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY BAX (Cat# [RC204369], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BAX (1:2000) (Cat# [TA810334]). Positive lysates [LY408504] (100ug) and [LC408504] (20ug) can be purchased separately from OriGene.



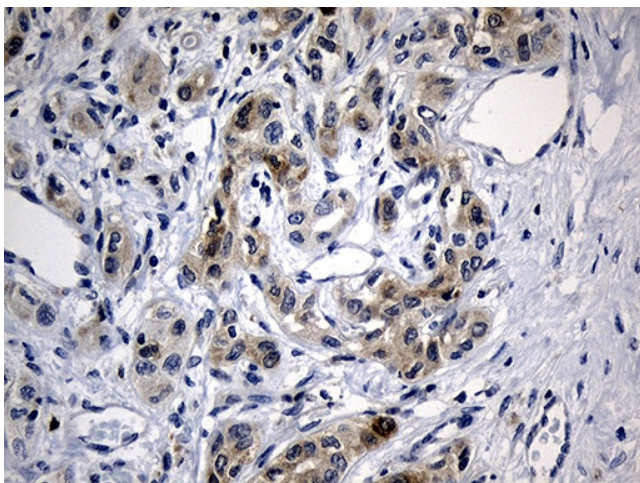
Western blot analysis of extracts (35ug) from 6 different cell lines by using anti-BAX monoclonal antibody (1:500).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and BAX-Knockout HeLa cells (KO, Cat# [LC810020]) were separated by SDS-PAGE and immunoblotted with anti-BAX monoclonal antibody [TA810334]. Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control (1:500).



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