

## Product datasheet for **CF810335**

### **BAX Mouse Monoclonal Antibody [Clone ID: OTI3C8]**

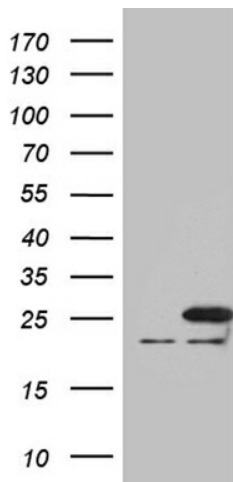
#### **Product data:**

|                                |  |
|--------------------------------|--|
| <b>Product Type:</b>           | Primary Antibodies   |
| <b>Clone Name:</b>             | OTI3C8   |
| <b>Applications:</b>           | IHC, WB  |
| <b>Recommended Dilution:</b>   | WB 1:500~2000, IHC 1:500   |
| <b>Reactivity:</b>             | Human, Mouse, Rat  |
| <b>Host:</b>                   | Mouse  |
| <b>Isotype:</b>                | IgG1   |
| <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>            | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)  |
| <b>Reconstitution Method:</b>  | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| <b>Purification:</b>           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| <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>              | Homo sapiens BCL2 associated X, apoptosis regulator (BAX), transcript variant alpha, mRNA.   |
| <b>Database Link:</b>          | <a href="#">NP_620116</a> Entrez Gene <a href="#">12028</a> MouseEntrez Gene <a href="#">24887</a> RatEntrez Gene <a href="#">581</a> Human  |
| <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   |

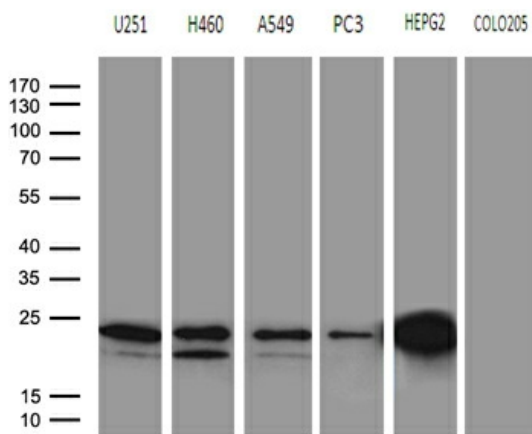


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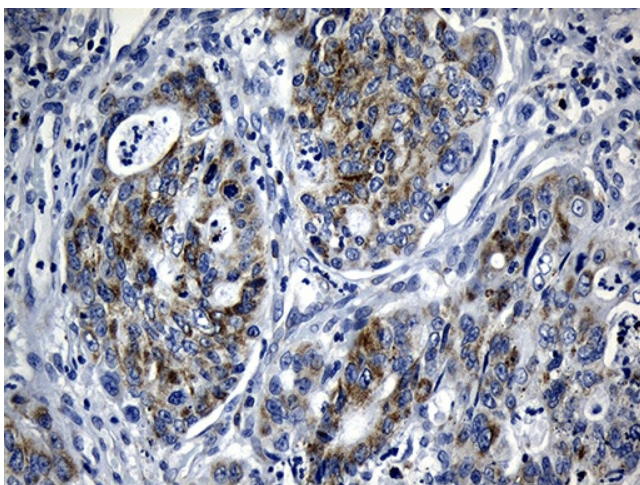
Product images:



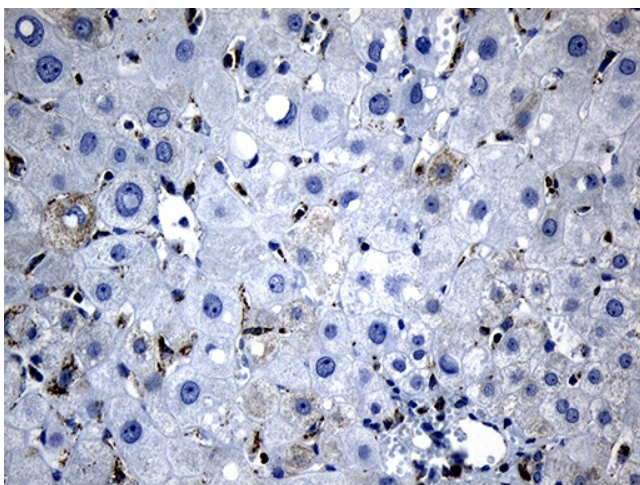
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BAX ([RC204369], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BAX (1:2000). Positive lysates [LY408504] (100ug) and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



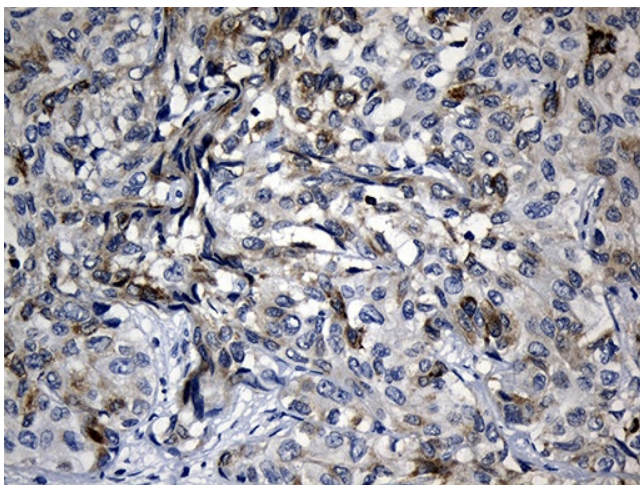
Western blot analysis of extracts (35ug) from 6 different cell lines by using anti-BAX monoclonal antibody (1:500).



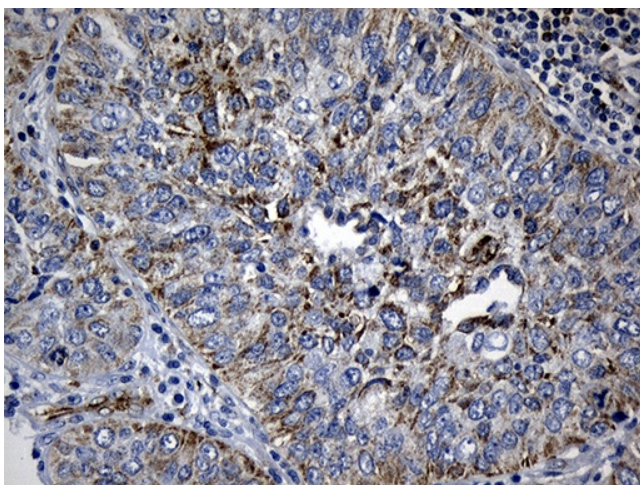
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)



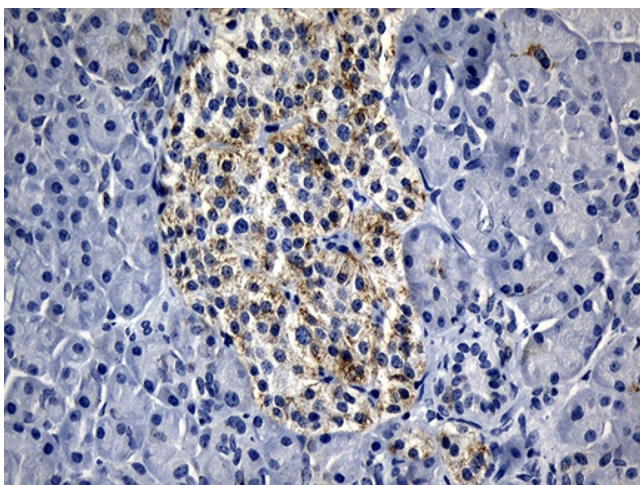
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)



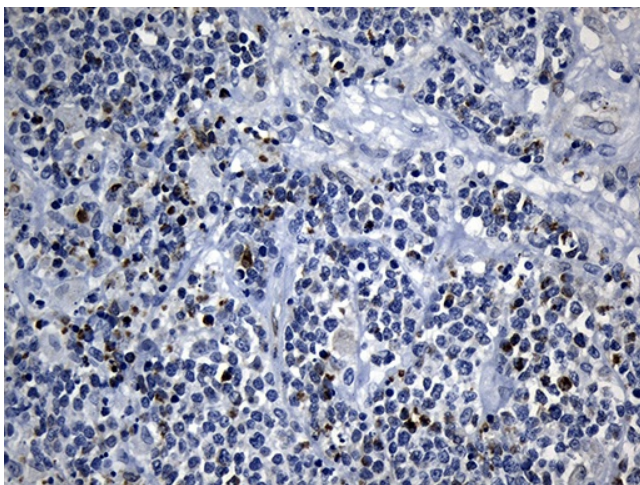
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-BAX mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA810335]) (1:500)