

## 10-6580: Mouse Monoclonal Antibody to BAX (Clone: 557CT5.2.1)(Discontinued)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	557CT5.2.1
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	BAX
<b>Gene ID :</b>	581
<b>Uniprot ID :</b>	Q07812
<b>Format :</b>	Ascites
<b>Alternative Name :</b>	Apoptosis regulator BAX, Bcl-2-like protein 4, Bcl2-L-4, BAX, BCL2L4
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

### Product Info

<b>Amount :</b>	0.1 ml
<b>Content :</b>	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:500~8000

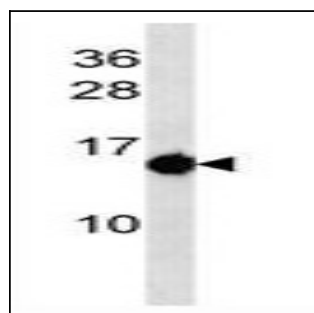


Figure 1: Western blot analysis of BAX Antibody (10-6580) in MCF-7 cell line lysates (35 $\mu$ g/lane). This demonstrates the BAX antibody detected the BAX protein.