



BBC3 blocking peptide (CDBP5971)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	BBC3 BCL2 binding component 3 [Homo sapiens (human)]
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Official Symbol	BBC3
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Synonyms	BBC3; BCL2 binding component 3; JFY1; PUMA; JFY-1; bcl-2-binding component 3; p53 up-regulated modulator of apoptosis
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Entrez Gene ID	27113
mRNA Refseq	NM_001127240
Protein Refseq	NP_001120712
UniProt ID	Q96PG8
Pathway	Activation of BH3-only proteins; Activation of PUMA and translocation to mitochondria; Apoptosis; Apoptosis Modulation and Signaling; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members; DNA damage response; DNA damage response (only ATM dependent); Direct p53 effectors
Function	protein binding