



Human BBC3 blocking peptide (DAG-P1911)

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]
Specificity	Ubiquitously expressed.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the Bcl-2 family.
Format	Liquid
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name	BBC3 BCL2 binding component 3 [Homo sapiens (human)]
Official Symbol	BBC3

Synonyms	BBC3; BCL2 binding component 3; JFY1; PUMA; JFY-1; bcl-2-binding component 3; p53 up-regulated modulator of apoptosis;
Entrez Gene ID	27113
mRNA Refseq	NM_001127240.2
Protein Refseq	NP_001120712.1
UniProt ID	Q96PG8
Chromosome Location	19q13.3-q13.4
Pathway	Activation of BH3-only proteins, organism-specific biosystem; Activation of PUMA and translocation to mitochondria, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; DNA damage response, organism-specific biosystem; DNA damage response (only ATM dependent), organism-sp
Function	protein binding;