



Rabbit Anti-Human Bim monoclonal antibody, clone 9I2M5 (CABT-L1208)

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

PRODUCT INFORMATION

Target	BCL2L11
Immunogen	Recombinant protein corresponding to Human BIM (aa 1-120)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	9I2M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

BIM belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified.

Keywords

BCL2L11;BCL2-like 11 (apoptosis facilitator);BAM;BIM;BOD;bcl-2-like protein 11;bcl-2 interacting protein Bim;bcl-2-related ovarian death agonist;bcl-2 interacting mediator of cell death

GENE INFORMATION

Entrez Gene ID

[10018](#)

UniProt ID

[O43521](#)