

For Research Use Only

# BAK Recombinant antibody, PBS Only

Catalog Number: 85200-1-PBS



## Basic Information

**Catalog Number:**

85200-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC004431

**GeneID (NCBI):**

578

**UNIPROT ID:**

Q16611

**Full Name:**

BCL2-antagonist/killer 1

**Calculated MW:**

23 kDa

**Observed MW:**

23-25 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

242458D10

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

The BAK encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

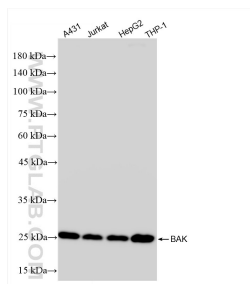
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85200-1-RR (BAK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85200-1-PBS in a different storage buffer formulation.