



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

RABBIT ANTI HUMAN BIM

With HRP-Conjugated Second Antibody

Catalog No.
DS-PB-00271

Species
Human

Isotype
Rabbit IgG

Preparation

Preparation: Antisera to human Bim were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

Immunogen: Synthetic peptide corresponding to amino acids 22 to 40 of human Bim.

Specificity

This product is specific for human Bcl-2 interacting mediator of cell death (Bim), also known as Bod. Bim is a pro-apoptotic protein within the Bcl-2 family, which functions within the intrinsic apoptosis pathway. Bim is known to interact with pro-survival proteins including Bcl-2, Bcl-XL and Bcl-w. Bim is expressed in a variety of cell types, where it is maintained in an inactive conformation by phosphorylation or through binding to the microtubule-associated dynein motor complex. Upon certain apoptotic stimuli, Bim is released from microtubules and mediates caspase-dependent apoptosis. Species Cross Reactivity - Based on sequence similarity, is expected to react with: Rat, Mouse
N.B. Antibody reactivity and working conditions may vary between species.

Formulation

Product Type Polyclonal Antibody

Product Form Purified IgG - liquid

Preservative Stabilizers 0.02% Sodium Azide

Approx. Protein Concentrations IgG concentration 0.5mg/ml

Storage

12 months from date of dispatch

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting	.			1:1000
Immunohistology - frozen			.	
Immunohistology - paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Neutralization			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

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