

# HBV-related Antibodies

Beacle introduces hepatitis B virus-related antibodies developed through research for over 15 years.

## Variations of antibodies

Various antibodies against HBV antigens are listed. Antibodies against HB surface antigens are all revealed genotype specificity. All antibodies can be used for western blot and ELISA, and useful for research and diagnostic purpose.

### ● Anti-HBsAg antibodies

#### Anti-HBsAg-S antibody, polyclonal:

Polyclonal antibody against S region of HB surface antigen. The antibody was raised against recombinant HBsAg-S protein (adr) in rabbit.

#### Anti-HBsAg-S antibodies, monoclonal:

Monoclonal antibodies against against S region of HB surface antigen. The antibodies are produced against recombinant HBsAg-S protein (adr) in mouse. Two products are available.

#### Anti-HBsAg-Pre-S1 antibodies, polyclonal:

Polyclonal antibody against Pre-S1 region of HB surface antigen. The antibody was raised against Pre-S1 peptides in rabbit. Three products are available.

#### Anti-HBsAg-Pre-S1 antibody, monoclonal:

Monoclonal antibodies against against Pre-S1 region of HB surface antigen. The antibodies are produced against recombinant HBsAg-L protein in mouse. Two products are available.

#### Anti-HBsAg-Pre-S2 antibody, polyclonal:

Polyclonal antibody against Pre-S2 region of HB surface antigen. The antibody was raised against Pre-S2 peptides in rabbit.

#### Anti-HBsAg-Pre-S2 antibody, monoclonal:

Monoclonal antibodies against against Pre-S2 region of HB surface antigen. The antibodies are produced against recombinant HBsAg-L protein in mouse. Two products are available.

Genotype specificity of above antibodies are shown in backside.

### ● Anti-HB C antibody, polyclonal:

Polyclonal antibody against HBV core antigen. The antibody was raised against full length HBcAg in rabbit.

### ● その他

We conduct labeling of antibodies, and construction of ELISA system as contract service. Antibodies not listed may be available, please contact us.

See backside for product code of above products

## Contact



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## List of hepatitis B virus related antibodies

Category	product#	Product name	Animal
Anti-S antibody polyclonal			
	BCL-ABPS-01	Anti-HBsAg-S Antibody, Poly	rabbit
Anti-S antibody monoclonal			
	BCL-ABMS-01	Anti-HBsAg-S Antibody, Mono-1	mouse
	BCL-ABMS-02	Anti-HBsAg-S Antibody, Mono-2	mouse
Anti-Pre-S1 antibody polyclonal			
	BCL-ABP1-01	Anti-HBsAg-Pre-S1 Antibody, Poly-1	rabbit
	BCL-ABP1-02	Anti-HBsAg-Pre-S1 Antibody, Poly-2	rabbit
	BCL-ABP1-03	Anti-HBsAg-Pre-S1 Antibody, Poly-3, high affinity	rabbit
Anti-Pre-S1 antibody monoclonal			
	BCL-ABM1-01	Anti-HBsAg-Pre-S1 Antibody, Mono-1	mouse
	BCL-ABM1-02	Anti-HBsAg-Pre-S1 Antibody, Mono-2	mouse
Anti-Pre-S2 antibody polyclonal			
	BCL-ABP2-01	Anti-HBsAg-Pre-S2 Antibody, Poly	rabbit
Anti-Pre-S2 antibody monoclonal			
	BCL-ABM2-01	Anti-HBsAg-Pre-S2 Antibody, Mono-1	mouse
	BCL-ABM2-02	Anti-HBsAg-Pre-S2 Antibody, Mono-2	mouse
Anti-C antibody polyclonal			
	BCL-ABPC-01	Anti-HBcAg Antibody, Poly	rabbit

## Genotype specificity of antibodies

short name	Binding to genotype A, B, C and D
anti-S poly-1	C>D>B>A
anit-S mono-1	C>>ABD
anti-S mono-2	A=D>B>D
anti-Pre-S1 mono-1	A=B=C=D
anti-Pre-S1 mono-2	A=B=C=D
anti-Pre-S1 poly-1	C≥A≥D≥B
anti-Pre-S1 poly-2	C=D≥A≥B
anti-Pre-S1D poly-3	D>C≥A≥B
anti-Pre-S2 mono-1	A=B=C=D
anti-Pre-S2 mono-2	A=C=D>>B(≠0)
anti-Pre-S2 poly-1	C>D>B≐A
anti-C poly-1	not examined

For the detail of each products, please visit our HP(<http://www.beacle.com>), and check each data sheet.