

## HBsAg Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50247

Clone# BP6224

**Predicted Molecular Wt:** 42kDa  
**Species Cross-reactivity:** Human  
**Applications:** IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** P03142

### Background:

Hepatitis B stool surface antigen (HBsAg) is a glycoprotein on the surface of hepatitis B virus. After infection with HBV, HBsAg appears as first virus marker.

HBsAg can be found in the blood, saliva, breast milk, sweat, tears, nasopharyngeal secretions, semen and vaginal secretions of patients 2 to 6 months after infection with hepatitis B virus, and 2 to 8 weeks before the elevation of alanine aminotransferase, a positive result can be detected in the serum.

HBsAg antibody is mainly used in the diagnosis of hepatitis B virus.

### Subcellular location:

Cytoplasm

### Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

### Immunogen:

Recombinant fragment within Human HBsAg was used as an immunogen.

### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

### Storage Conditions:

-25°C to -18°C

### Shipment Instructions:

Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

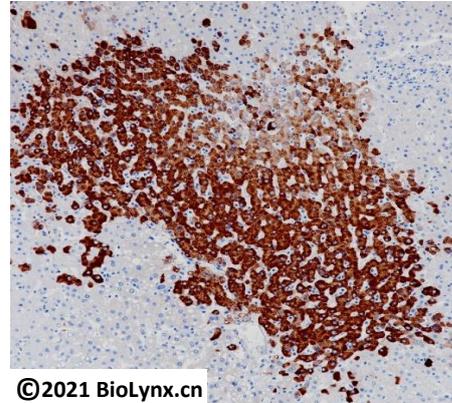
### Recommended Dilution:

IHC-P: 1:100-1:200

### Background References:

1. Amano H, et al. (2021) Viruses 13, 2216.

2. Salpini R, et al. (2015) Hepatology 3, 823-833.



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of HBV infected liver labelling HBsAg with BP6224.

Product QC'd by: 

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