

# HBsAg (ZR393)

## Rabbit Monoclonal Antibody

**Host:** Rabbit  
**Specificity:** Human  
**Immunogen:** Recombinant full-length human HBsAg protein  
**Ig Class:** IgG  
**Storage:** Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

**Specifications:** HBsAg (ZR393) Rabbit Monoclonal primary antibody detects HBsAg protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain HBsAg protein.

**Localization:** Cytoplasmic.

**Intended Use:** Research Use Only (RUO). This antibody is not for diagnostic use.

**Description:** Hepatitis B surface antigen (HBsAg) is a glycoprotein on the surface of the hepatitis B virus. After hepatitis B infection, HBsAg appears as the first viral marker. HBsAg can be detected in blood, saliva, breast milk, sweat, tears, nasopharyngeal secretions, semen, and vaginal secretions of patients 2 to 6 months upon infection with HBV. HBsAg antibodies are mainly used for the diagnosis of the hepatitis B virus.

**Supplied As:** Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

### References:

1. Facchetti F, et al. Histol Histopathol. 1986; 1:181-5.
2. Swenson PD, et al. Acta Biol Acad Sci Hung. 1980; 31:321-8.

**REF** Z2749RL/ Z2749RS/ Z2749RT/ Z2749RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)