

---

## **Haptoglobin (9G10) Antibody**

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 250374

**Unit:** 0.2 mg

### **Description:**

Haptoglobin is an alpha2-globulin plasma protein synthesized in the liver. It is an acute phase protein which also acts as a scavenger of hemoglobin from hemolyzed red cells. The haptoglobin monomer consists of two alpha and two beta chains; the alpha chains may be hp1Fa, hp1Sa or hp2a types while the beta chain is constant. Three major phenotypes are recognized: Hp1-1, Hp-2-1 and Hp-2-2, in which the hp1a chain may be either the F or S type. This antibody reacts with human haptoglobin from pooled plasma.

**Isotype:** Mouse IgG1/k

**Applications:** E

**Species Reactivity:** H

**Format:** Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

**Alternate Names:** Haptoglobin; haptoglobin alpha chain; haptoglobin beta chain; HP

**Accession No.:** P00738

**Antigen:** Haptoglobin purified from pooled human plasma and adsorbed to aluminum hydroxide gel

**Application Notes:** Product Cat. No. 250374 reacts strongly with human haptoglobin from pooled human plasma coated directly onto microplates. The antibody is used as detection antibody in sandwich ELISA with a polyclonal antibody as capture antibody. E: 1:32,000

**Storage:** Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.