Gc-globulin (4B9) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250407
Unit: 0.2 mg

Description:
Gc-globulin is a plasma protein produced in the liver. Amongst its ligands are vitamin D, thus Gc-globulin is also called vitamin D-binding protein. Gc-globulin is furthermore part of the actin scavenging system, binding and removing monomeric actin from the blood stream. The molecular mass of Gc-globulin is approximately 50 kDa. The concentration of Gc-globulin in human plasma is app. 400 µg/ml. This antibody is specific for human Gc-globulin.

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: DBP; Vitamin D-binding protein; Group-specific component; Gc-globulin; VDB
Accession No.: P02774

Antigen: Gc-globulin isolated from human plasma
Application Notes: Product Cat. No. 250407 reacts strongly in ELISA with Gc-globulin coated directly onto the microtiter well, or in sandwich ELISA with a polyclonal antibody. Product Cat. No. 250407 reacts in western blot with Gc-globulin in both reduced and non-reduced forms. E: 1:20,000; WB: 1:1,000

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.