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Datasheet for ABIN2743999

anti-Retinol-Binding Protein antibody

Overview

Quantity:	100 µg
Target:	Retinol-Binding Protein (RBP)
Reactivity:	Human, Mouse, Goat, Monkey, Rat, Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinol-Binding Protein antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoprecipitation (IP)

Product Details

Immunogen:	Retinol binding protein purified from human plasma. Type of Immunogen: Purified protein
Clone:	G4E4
Isotype:	IgG1 kappa
Specificity:	Human RBP / Retinol Binding Protein
Purification:	Protein G purified

Target Details

Target:	Retinol-Binding Protein (RBP)
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Target Details

Alternative Name: RBP / Retinol Binding Protein ([RBP Products](#))

Background: Name/Gene ID: RBP

Synonyms: RBP

Application Details

Application Notes: Approved: ELISA, IF (1 - 2 µg/mL), IHC, IHC-Fr (1 - 2 µg/mL), IHC-P (1 - 2 µg/mL), IP, WB (0.5 - 1 µg/mL)

Usage: This antibody recognizes a protein of 21 kDa-25 kDa, identified as retinol binding protein (RBP). Its epitope localizes between amino acids 74-182. The RBP antibody recognizes reduced and carboxy-methylated RBP as well as the circulatory RBP but not the native form, thereby suggesting that its epitope becomes accessible either on unfolding or upon binding of RBP to transthyretin (prealbumin). Retinol binding protein is responsible for distributing retinol from the retinoid stores in the liver to the various target tissues. Once secreted into the blood with bound retinol, the vitamin carrier circulates complexed with transthyretin prior to vitamin delivery at the plasma membrane through a receptor-mediated mechanism. ELISA: Order BSA-free antibody format for coating.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.1 mg/mL BSA, 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2°C to 8°C.