Anti-RBP4 Antibody

CATALOG NO: A1400-500

AMOUNT: 500 µg

ALTRERNATE NAMES: Retinol-binding protein 4, PRBP, RBP

IMMUNOGEN: Human Retinol Binding Protein 4

CLONALITY: Monoclonal

HOST/ISOTYPE: Mouse IgG1

PURIFICATION: Protein G purification

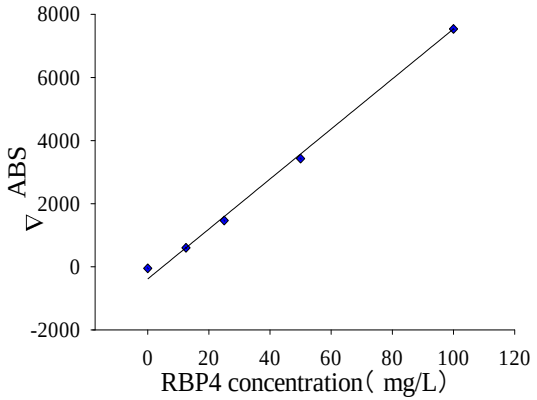
FORM: Liquid

FORMULATION: In NaCl with 15 mM NaN_3 (pH 7.2)

STORAGE CONDITIONS: For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

DESCRIPTION: Retinol-binding protein 4 has recently been described as an adipokine that contributes to insulin resistance in the AG4KO mouse model. It is secreted by adipocytes, and can act as a signal to other cells, when there is a decrease in plasma glucose concentration. Mutations in the RBP4 gene have recently been linked to a form of autosomal dominant microphthalmia, anophthalmia, and coloboma (MAC) disease.

APPLICATION: Chemiluminescence assay (CLIA)
ELISA



Calibration curve for RBP4 in latex-enhanced turbidimetric immunoassay (LETIA):
RBP4 proteins specifically react with anti-RBP4 monoclonal antibodies precoated onto latex beads to form insoluble complexes that results in increase in turbidity. Increase in absorbance was detected by automatic biochemical analyzer. The calibration curve was fitted according to the relationship between absorbance values and RBP4 concentrations.

	Capture	Detection
Monoclonal Antibody combination	**A1399**	**A1400**

RELATED PRODUCTS:

- Anti-RBP4 Antibody **(Cat. No. A1399)**
- RBP4, mouse recombinant **(Cat. No. 7565)**
- Human CellExp™ RBP4, rat recombinant **(Cat. No. 7566)**
- Human CellExp™ RBP4, human recombinant **(Cat. No. 7563)**
- Human CellExp™ RBP4, mouse recombinant **(Cat. No. 7564)**
- RBP4, human recombinant **(Cat. No. 4940)**

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