

### 32-5790: Mouse Anti Human Retinol Binding Protein-4(Clone:PAT2B4AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT2B4AT.
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	RBP4
<b>Gene ID :</b>	5950
<b>Uniprot ID :</b>	P02753
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Retinol Binding Protein 4,RBP-4,RBP4,Plasma retinol-binding protein,PRBP,RBP.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human RBP4 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human RBP4 amino acids 19-201 purified from E. coli.

#### Description

Retinol binding protein 4(RBP4) belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. This protein was found to be expressed and secreted by adipose tissue, and was strongly associated with insulin resistance. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. RBP4 delivers retinol from the liver to the peripheral tissues. In plasma, the rbp-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	RBP4 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

RBP4 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1000. Recommended starting dilution is 1:500.