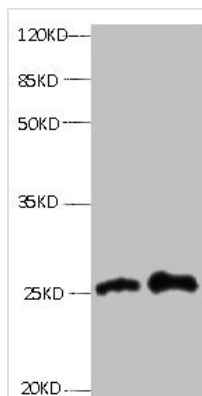




RBP4 Monoclonal Antibody

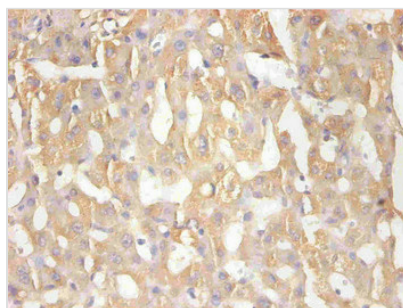
Product Code	CSB-MA070501A0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Recombinant Human Retinol-binding protein 4 protein
Raised In	mouse
Species Reactivity	Human,Mouse
Specificity	specific for native and denatured forms
Tested Applications	ELISA,WB,IHC;Recommended dilution:WB:1:500-1:5000,IHC:1:50-1:500
Relevance	Retinol (Vitamin A) is transported in the blood bound to its carrier protein, retinol-binding protein (RBP), also designated plasma retinol-binding protein (PRBP) or RBP4. A member of the lipocalin family, RBP conveys retinol from stores in the liver to peripheral tissues. In plasma, RBP binds transthyretin (TTR, formerly called prealbumin) to prevent glomerular filtration of low molecular weight RBP in the kidneys. The stability of this complex holds diagnostic importance because the molar ratio of RBP:TTR provides an indirect way to indicate marginal vitamin A deficiency. Vitamin A deficiency blocks the secretion of RBP resulting in defective delivery and supply to epidermal cells. Originally identified solely as a transporter protein, recent studies correlating increased levels of RBP expression in adipose tissue with insulin resistance have generated research into the possible roles the protein may play in the pathogenesis of type 2 diabetes and obesity.
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%,Protein G purified
Isotype	IgG1
Clonality	monoclonal
Alias	Plasma retinol-binding protein, PRBP, RBP, RBP4, PRO2222
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	6A1C2
Image	



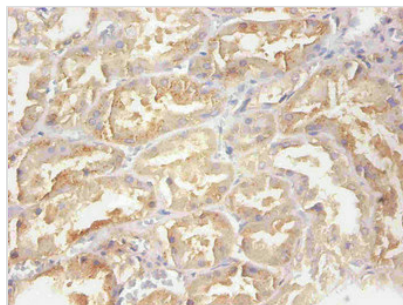
All lanes: Mouse anti- human Retinol-binding protein 4 monoclonal antibody at 0.3 μ g/ml
 Lane 1: Human positive serum1:10
 Lane 2: Human positive serum1:100
 Secondary:HRP labeled Goat polyclonal to Mouse IgG at 1/3000 dilution
 Predicted band size : 23kd
 Observed band size : 27kd



All lanes: Mouse anti- human Retinol-binding protein 4 monoclonal antibody at 0.3 μ g/ml
 Lane 1:RBP4 transfected E.coli lysate
 Lane 2:Human positive serum1:100
 Lane 3:mouse liver tissue
 Secondary:HRP labeled Goat polyclonal to Mouse IgG at 1/3000 dilution
 Predicted band size : 23kd
 Observed band size : 27kd



Immunohistochemical of paraffin-embedded human hepatic tissue using CSB-MA070501A0m at dilution of 1:200



Immunohistochemical of paraffin-embedded human nephridial tissue using CSB-MA070501A0m at dilution of 1:200