

RBP4 mouse mAb

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|------------------------------|---|
| Catalog No : | YM1504 |
| Reactivity : | Human |
| Applications : | ELISA |
| Target : | RBP4 |
| Gene Name : | rbp4 |
| Human Gene Id : | 5950 |
| Human Swiss Prot No : | P02753 |
| Mouse Swiss Prot No : | Q00724 |
| Immunogen : | Purified recombinant human RBP4 protein fragments expressed in E.coli. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Monoclonal, Mouse |
| Dilution : | ELISA 1:10000-20000 |
| Purification : | The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 23kD |
| Background : | retinol binding protein 4(RBP4) Homo sapiens This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. 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. A deficiency of vitamin A blocks secretion |

of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells. [provided by RefSeq, Jul 2008],

Function :

disease:A deficiency of vitamin A blocks secretion of the binding protein post-translationally and results in defective delivery and supply of vitamin to the epidermal cells (a condition associated with a dermatosis).,disease:Defects in RBP4 are a cause of retinol-binding protein deficiency [MIM:180250]. This condition causes night vision problems. It produces a typical "fundus xerophthalmicus," featuring a progressed atrophy of the retinal pigment epithelium.,function:Delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, this prevents its loss by filtration through the kidney glomeruli.,mass spectrometry: PubMed:12237133,mass spectrometry: PubMed:7666002,online information:Retina International's Scientific Newsletter,online information:Retinol-binding protein 4 entry,similarity:Belongs to the calycin superfamil

Subcellular Location :

Secreted .

Expression :

Detected in blood plasma and in urine (at protein level).

Tag :

hot

Sort :

14056

No4 :

1

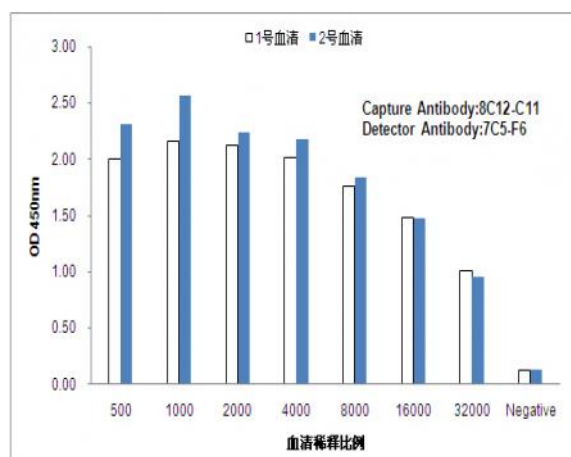
Host :

Mouse

Modifications :

Unmodified

Products Images



Standard Curve for RBP4: Capture Antibody Mouse mAb (8C12-C11) to RBP4 and Detector Antibody Mouse mAb(7C5-F6) to RBP4.