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Bhubaneswar, Odisha - 751024, INDIA

## 36-1632: Monoclonal Antibody to Retinol Binding Protein-1 (RBP1)(Clone: RBP/872)

Clonality: Monoclonal
Clone Name: RBP/872
Application: IHC

Reactivity: Human, Rat, Mouse

 Gene :
 RBP4

 Gene ID :
 5950

 Uniprot ID :
 P02753

 Format :
 Purified

Alternative Name: RBP4,PRO2222 Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human retinol binding protein-1 (RBP1)

## **Description**

Recognizes a protein of 21kDa-25kDa, identified as retinol binding protein-1 (RBP1). 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 post-transnationally and results in defective delivery and supply to the epidermal cells.

## **Product Info**

**Amount**: 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

Storage condition:

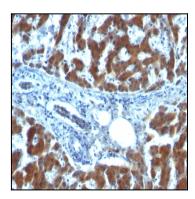
Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with RBP1 (RBP/872)



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