

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

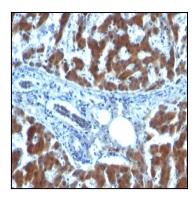
toxic.

Storage condition : 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°C followed by cooling at RT for 20 minutes);

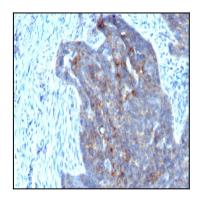


Formalin-fixed, paraffin-embedded human Hepatocellular Carcinoma stained with RBP1 (RBP/872)



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com



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