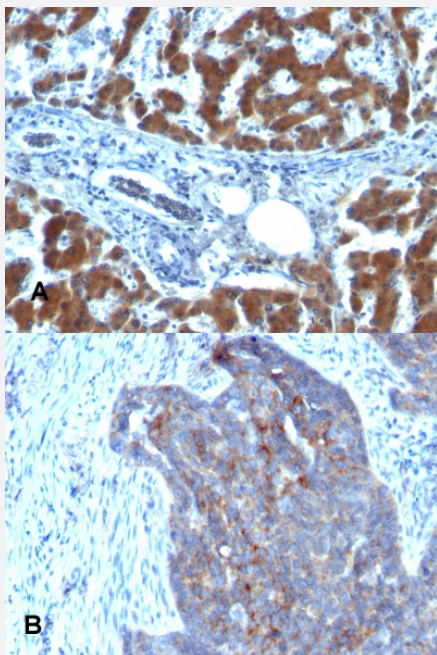


RBP1 monoclonal antibody, clone RBP/872

Catalog # MAB14597 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of (A) human hepatocellular carcinoma and (B) human ovarian carcinoma with RBP1 monoclonal antibody, clone RBP/872 (Cat # MAB14597).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human RBP1.
Immunogen	Recombinant protein corresponding to full length human RBP1.
Host	Mouse
Theoretical MW (kDa)	21-25
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification

Isotype	IgG1, kappa
Recommend Usage	Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of (A) human hepatocellular carcinoma and (B) human ovarian carcinoma with RBP1 monoclonal antibody, clone RBP/872 (Cat # MAB14597).

- Immunofluorescence

Gene Info — RBP1

Entrez GeneID	5947
Protein Accession#	P02753
Gene Name	RBP1
Gene Alias	CRABP-I, CRBP, CRBP1, CRBPI, RBPC
Gene Description	retinol binding protein 1, cellular
Omim ID	180260
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	retinol-binding protein 1, cellular

Publication Reference

- [The structure of human retinol-binding protein \(RBP\) with its carrier protein transthyretin reveals an interaction with the carboxy terminus of RBP.](#)

H M Naylor, M E Newcomer.

Biochemistry 1999 Mar; 38(9):2647.

Disease

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