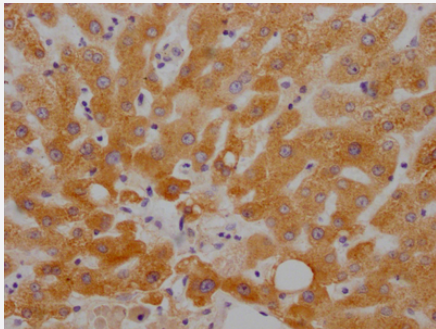


RecomAb™

RBP4 recombinant monoclonal antibody, clone 9G7

Catalog # RAB04105 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of RBP4 recombinant monoclonal antibody, clone 9G7 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human RBP4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human RBP4.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

Immunohistochemistry image of RBP4 recombinant monoclonal antibody, clone 9G7 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RBP4

Entrez GeneID	5950
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Protein Accession#	P02753
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Gene Name	RBP4
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Gene Alias	-
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Gene Description	retinol binding protein 4, plasma
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Omim ID	180250
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Gene Ontology	Hyperlink
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Gene Summary	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]
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Other Designations	OTTHUMP00000020114 OTTHUMP00000020116 retinol-binding protein 4, interstitial retinol-binding protein 4, plasma
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Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Prediabetic State](#)