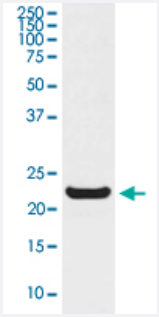
RBP4 monoclonal antibody, clone ACDC-18

Catalog # MAB22151 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of RBP4 in HepG2 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human RBP4.
Immunogen	A synthetic peptide corresponding to human RBP4.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human RBP4, in native form and recombinant. Superfamily members of RBP4 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western Blot analysis of RBP4 in HepG2 cell lysate.

Gene Info — RBP4

Entrez GeneID	5950
Protein Accession#	P02753
Gene Name	RBP4
Gene Alias	-
Gene Description	retinol binding protein 4, plasma
Omim ID	180250
Gene Ontology	Hyperlink
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-ret inol complex interacts with transthyretin which prevents its loss by filtration through the kidney glom eruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and resul ts 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

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

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