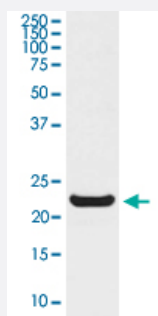


# RBP4 monoclonal antibody, clone ACDC-18

Catalog # MAB22151      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of RBP4 in HepG2 cell lysate.

## Specification

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

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 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.<br>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

- Western Blot (Cell lysate)

Western Blot analysis of RBP4 in HepG2 cell lysate.

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

## Gene Info — RBP4

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">5950</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Accession# | <a href="#">P02753</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Name          | RBP4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Alias         | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Description   | retinol binding protein 4, plasma                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Omim ID            | <a href="#">180250</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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] |

**Other Designations**

OTTHUMP00000020114|OTTHUMP00000020116|retinol-binding protein 4, interstitial|retinol-binding protein 4, plasma

**Disease**

- [Alzheimer disease](#)
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- [Diabetes Mellitus](#)
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