

RBP4 Ab

[Images\(1\)](#)

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|---------------|---|-----------------------|
| Cat.#: BF0247 | Concn.: ~1mg/ml | Mol.Wt.: 23kDa |
| Size: | Source: Mouse | Clonality: Monoclonal |
| Application: | ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, IF/ICC 1:200-1:1000, FCM 1:200-1:400 *The optimal dilutions should be determined by the end user. | |
| Reactivity: | Human | |
| Storage: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. | |
| Purification: | Affinity-chromatography. | |
| Immunogen: | Purified recombinant fragment of human RBP4 expressed in E. Coli. | |
| Uniprot: | P02753 | |
| Description: | 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) | |

Figure 1: Western blot analysis using RBP4 mAb against HEK293 (1) and RBP4(AA: 1-201)-hIgGFc transfected HEK293 (2) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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