

CATALOGUE #: 4RB2

PRODUCT NAME: Monoclonal mouse anti-human retinol-binding protein 4 (RBP4)

**MAbs *in vivo*:** **RB42, RB45, RB48, RB55**  
Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.

**Immunogen:** Human recombinant RBP4

**Specificity:** Human plasma RBP4. MAbs recognise free RBP4 and RBP4 in complex with transthyretin. MAbs react with apo- as well as holo-RBP4.

**MAb isotypes:** **IgG1** for RB42, RB45, RB48, RB55

**Applications:** RBP4 immunoassay. MAbs recognize plasma RBP4 in sandwich immunoassay.  
MAbs react with plasma RBP4 in Western blotting after SDS-PAGE in reducing conditions.  
Recommended pairs for RBP4 sandwich immunoassay:

Capture	Detection
RB48	RB42
RB55	RB45

All pairs recognize with high sensitivity the antigen in human plasma.

**Purification:** Protein A chromatography

**Presentation:** PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

**Material safety note:** This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.  
Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.