



DataSheet

CATALOGUE #: 4RB2

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

MAbs: RB42, RB45, RB48, RB55
Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with human recombinant RBP4.

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

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

Applications: RBP4 immunoassay. All MAbs recognize plasma RBP4 in sandwich immunoassay.
All 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 (NaN₃)

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.

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