

Anti-Human Retinol-Binding Protein [A8P3] Standard Size Ab00417-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG1, [Fc Silent™](#), Kappa

Clone Number: A8P3

Alternative Name(s) of Target: RBP

UniProt Accession Number of Target Protein: P09455

Published Application(s): WB

Published Species Reactivity: Human

Immunogen: Purified RBO with Freund's adjuvant.

Specificity: This antibody binds to human RBP.

Application Notes: This antibody binds to retinol-binding protein, a carrier that transports retinol, which is important for modulation of gene expression in embryos - the slightest changes in retinol concentration or RBP-activity can lead to spontaneous abortion or malformations during development.

Antibody First Published in: Pereira et al. Monoclonal antibody-based immunoassays of retinol-binding protein. Clinical Chemistry 1993; 39(3):472-476 [PMID:8448859](#)

Note on publication: Describes the generation of a murine anti-RBP monoclonal antibody and the development of an assay to detect transthyretin-binding.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.