



# Magic™ Anti-RBP4 monoclonal antibody, clone C689N (DCAB-TJ166)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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 whi
<b>Specificity</b>	Human plasma RBP4. Recognizes free RBP4 and RBP4 in complex with transthyretin. Reacts with apo-RBP4 and holo-RBP4.
<b>Immunogen</b>	Human recombinant RBP4
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	C689N
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 90% pure (SDS-PAGE). Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA and Western blot (reducing conditions). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be exc Suggested pair for testing (Capture - Detection): <a href="#">DCAB-TJ167</a> - DCAB-TJ166
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	3.8 mg/mL

<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">RBP4 retinol binding protein 4, plasma [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RBP4
<b>Synonyms</b>	RBP4; retinol binding protein 4, plasma; RDCCAS; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol-binding protein 4, interstitial; Retinol-binding protein 4; Plasma retinol-binding protein
<b>Entrez Gene ID</b>	<a href="#">5950</a>
<b>Protein Refseq</b>	<a href="#">NP_006735</a>
<b>UniProt ID</b>	<a href="#">P02753</a>
<b>Chromosome Location</b>	10q23.33
<b>Pathway</b>	Disease, organism-specific biosystem; Diseases associated with visual transduction, organism-specific biosystem; Retinoid cycle disease events, organism-specific biosystem; Retinoid metabolism and transport, organism-specific biosystem; SREBP signalling,
<b>Function</b>	protein binding; protein heterodimerization activity; retinol binding; retinol transporter activity