



Magic™ Anti-RBP4 monoclonal antibody, clone C680N (DCAB-TJ167)

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

PRODUCT INFORMATION

Antigen 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 whi
Specificity	Human plasma RBP4. Recognizes free RBP4 and RBP4 in complex with transthyretin. Reacts with apo-RBP4 and holo-RBP4.
Immunogen	Human recombinant RBP4
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C680N
Affinity Constant	Not Determined
Purification	> 90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Applications	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): DCAB-TJ167 - DCAB-TJ166
Format	Purified, Liquid
Concentration	3.7 mg/mL

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

GENE INFORMATION

Gene Name	RBP4 retinol binding protein 4, plasma [Homo sapiens (human)]
Official Symbol	RBP4
Synonyms	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
Entrez Gene ID	5950
Protein Refseq	NP_006735
UniProt ID	P02753
Chromosome Location	10q23.33
Pathway	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,
Function	protein binding; protein heterodimerization activity; retinol binding; retinol transporter activity