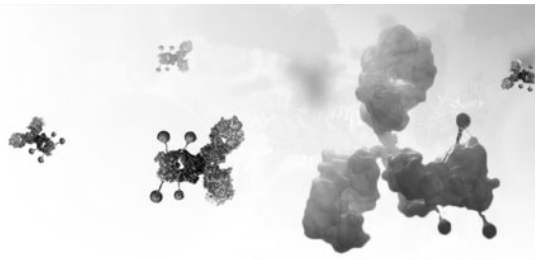

Magic™ Anti-RBP4 monoclonal antibody, clone C687N (DCAB-TJ165)

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	C687N
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-TJ165
Procedure	Matched Antibody Pairs
Format	Purified, Liquid

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Concentration	3.8 mg/mL
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.
Warnings	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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

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