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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product datasheet MON7071

Mouse anti-RBP, clone G4E4 (Monoclonal)

Clone no. G4E4

MONOSAN

Product name	Mouse anti-RBP, clone G4E4 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-fr, IHC-P, WB
Species reactivity	chimpanzee, goat, human, monkey, mouse, rabbit, rat, rhesus
Conjugate	-
Immunogen	human retinol binding protein (RBP) purified from plasma
Isotype	IgG1
Clonality	Monoclonal
Clone number	G4E4
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

G4E4 recognizes an epitope within the 74-182 C-terminal sequence (11kD peptide fragment) of human serum Cellular Retinol Binding Protein 1 (CRBP 1), a single-chain glycoprotein belonging to the superfamily of hydrophobic molecule transporter proteins, which is responsible for transport of retinol (vitamin A1) from the liver to peripheral target tissues, like the eye, where it mediates the cellular uptake. CRBP 1 is synthesized by hepatic parenchymal cells where it becomes bound to its ligand retinol and is then released into the circulation, where it binds further to the protein transthyretin, to form a transporting complex, which is big enough not to be lost by filtration through the kidney glomeruli. It is detected in nearly all tissues with higher expression in adult ovary, pancreas, pituitary gland, adrenal gland, and fetal liver.

References

1. Reddy B. et al. Biochem. Int. 21: 367-376 (1990)
2. Reddy B. et al. Molec. Immunol. 29: 511-516 (1992)
3. Reddy B. et al. Molec. Immunol. 30: 1355-1360 (1993)
4. -
5. -