



# Mouse anti-Human RBP7 monoclonal antibody, clone 5G5 (CABT-B9519)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	RBP7 (NP_443192.1, 35 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a, κ
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5G5
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IF, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

<b>Introduction</b>	Due to its chemical instability and low solubility in aqueous solution, vitamin A requires cellular
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retinol-binding proteins (CRBPs), such as RBP7, for stability, internalization, intercellular transfer, homeostasis, and metabolism.[supplied by OMIM, May 2004]

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**Keywords** RBP7; retinol binding protein 7, cellular; CRBP4; CRBPIV; retinoid-binding protein 7; CRABP4; CRABP-IV; retinoid binding protein 7; cellular retinoic acid-binding protein 4; cellular retinoic acid-binding protein IV; putative cellular retinol-binding protein CRBP IV;

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## GENE INFORMATION

Entrez Gene ID [116362](#)

UniProt ID [Q96R05](#)