



# Anti-CGB5 monoclonal antibody, clone FQS4487 (CABT-32595RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal antibody to Human CGB5.
<b>Antigen Description</b>	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5 untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing.
<b>Immunogen</b>	A synthetic peptide corresponding to residues in Human CGB5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	FQS4487
<b>Purification</b>	Tissue culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB

<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.01% Sodium AzideConstituents: 40% Glycerol, 0.05% BSA, Tissue culture supernatant, 0.15M Sodium chloride, 50mM Tris glycine, pH 7.4
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CGB5 chorionic gonadotropin, beta polypeptide 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CGB5
<b>Synonyms</b>	CGB5; chorionic gonadotropin, beta polypeptide 5; HCG; CG beta; CGB3; Chorionic gonadotrophin chain beta; chorionic gonadotropin beta 5 subunit; chorionic gonadotropin, beta polypeptide 5; HCG; MGC119822; chorionic gonadotropin beta 5 subunit;
<b>Entrez Gene ID</b>	<a href="#">93659</a>
<b>Protein Refseq</b>	<a href="#">NP_149032</a>
<b>UniProt ID</b>	<a href="#">P01233</a>
<b>Chromosome Location</b>	19q13.32
<b>Pathway</b>	Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem.