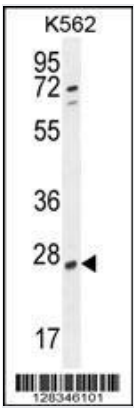
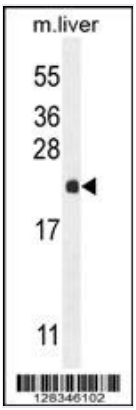
hCG_2024410 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

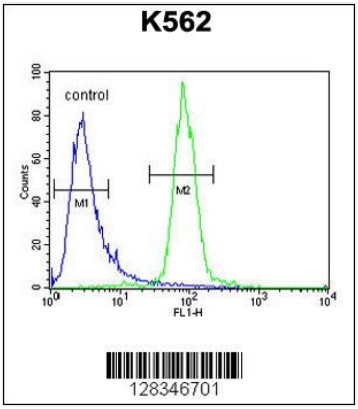
Product Name	hCG_2024410, Polyclonal Antibody
Full Product Name	hCG_2024410, CT (CG_2024410) (APC)
Product Gene Name	anti-hCG_2024410 antibody
Product Synonym Gene Name	CG_2024410
Product Synonym Names	CG_2024410
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	25,023 Da
3D Structure	ModBase 3D Structure for Q2QD12
Immunogen	hCG_2024410 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-215 amino acids from the C-terminal region of human hCG_2024410.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-hCG_2024410 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-hCG_2024410 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-hCG_2024410 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-hCG_2024410 antibody	MBS6305747 is an antibody targeting hCG_2024410. Also known as hCG_2024410, CT (CG_2024410) (APC). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-hCG_2024410 antibody	Marques, A.C., et al. PLoS Biol. 3 (11), E357 (2005): Venter, J.C., et al. Science 291(5507):1304-1351(2001).
Other Notes	Small volumes of anti-hCG_2024410 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-hCG_2024410 antibody
hCG_2024410 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the hCG_2024410 antibody detected the hCG_2024410 protein (arrow).



Western Blot (WB) of anti-hCG_2024410 antibody
hCG_2024410 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the CG antibody detected the CG protein (arrow).



Flow Cytometry (FC/FACS) of anti-hCG_2024410 antibody
hCG_2024410 Antibody (C-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hCG_2024410. It may not necessarily be applicable to this product.

NCBI GI #	219879828
NCBI GeneID	729020
NCBI Accession #	NP_001137381
UniProt Primary Accession #	Q2QD12
UniProt Related Accession #	Q2QD12
GenBank Nucleotide #	NM_001143909
NCBI Official Full Name	ribulose-phosphate 3-epimerase-like protein 1
NCBI Official Synonym Full Names	ribulose-5-phosphate-3-epimerase-like 1
NCBI Official Symbol	RPEL1
UniProt Protein Name	Ribulose-phosphate 3-epimerase-like protein 1
UniProt Synonym Protein Names	Ribulose-5-phosphate-3-epimerase-like protein 1
UniProt Gene Name	RPEL1
UniProt Entry Name	RPEL1_HUMAN

NCBI Protein Information	ribulose-phosphate 3-epimerase-like protein 1; hCG2024410; rcRPE protein; ribulose-5-phosphate-3-epimerase-like protein 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/hcg2024410/6305747