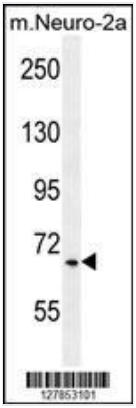
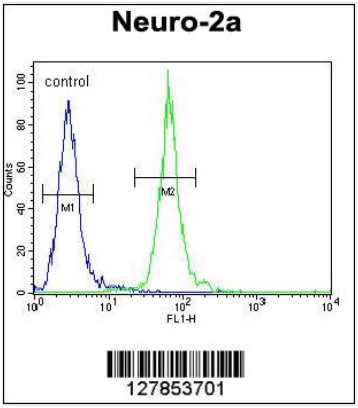
hCG_17324 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	hCG_17324, Polyclonal Antibody
Full Product Name	hCG_17324, CT (PCDP1, Primary ciliary dyskinesia protein 1) (APC)
Product Gene Name	anti-hCG_17324 antibody
Product Synonym Gene Name	PCDP1
Product Synonym Names	PCDP1; Primary ciliary dyskinesia protein 1
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	21,399 Da
3D Structure	ModBase 3D Structure for Q4G0U5
Immunogen	hCG_17324 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 508-538 amino acids from the C-terminal region of human hCG_17324.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-hCG_17324 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-hCG_17324 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-hCG_17324 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_17324 antibody	MBS6305725 is an antibody targeting hCG_17324. Also known as hCG_17324, CT (PCDP1, Primary ciliary dyskinesia protein 1) (APC). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-hCG_17324 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Lesch, K.P., et al. J Neural Transm 115(11):1573-1585(2008). Lee, L., et al. Mol. Cell. Biol. 28(3):949-957(2008). Venter, J.C., et al. Science 291(5507):1304-1351(2001).
Other Notes	Small volumes of anti-hCG_17324 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_17324 antibody
hCG_17324 Antibody (C-term) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the hCG_17324 antibody detected the hCG_17324 protein (arrow).



Flow Cytometry (FC/FACS) of anti-hCG_17324 antibody
hCG_17324 Antibody (C-term) flow cytometric analysis of Neuro-2a 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_17324. It may not necessarily be applicable to this product.

NCBI GI #	284447256
NCBI GeneID	200373
NCBI Accession #	NP_001025167.2
UniProt Primary Accession #	Q4G0U5
UniProt Secondary Accession #	B4DEK0; B4E2T5
UniProt Related Accession #	Q4G0U5
GenBank Nucleotide #	NM_001029996.3
NCBI Official Synonym Full Names	cilia and flagella associated protein 221
NCBI Official Symbol	CFAP221
NCBI Official Synonym Symbols	PCDP1; FAP221
UniProt Protein Name	Cilia- and flagella-associated protein 221
UniProt Synonym Protein Names	Primary ciliary dyskinesia protein 1
UniProt Gene Name	CFAP221
NCBI Protein Information	cilia- and flagella-associated protein 221
UniProt Comments for hCG_17324	May play a role in cilium morphogenesis.
Research Articles on hCG_17324	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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.
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