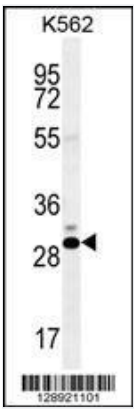
CT45A Antibody – Rabbit Polyclonal

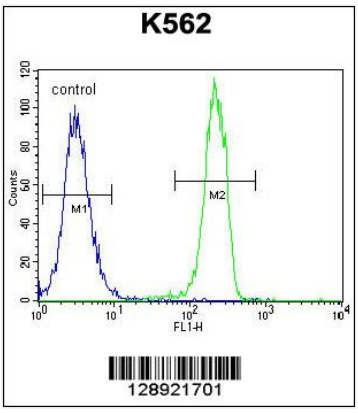
PRODUCT OVERVIEW

Product Name	CT45A, Polyclonal Antibody
Full Product Name	CT45A, NT (CT45-4,CT45A4,CT45-1,CT45A1,CT45-2,CT45A2,CT45-3,CT45A3,CT45-5,CT45A5,CT45-6,CT45A6) (APC)
Product Gene Name	anti-CT45A antibody
Product Synonym Gene Name	CT45A4; CT45A3; CT45A2; CT45A1; CT45A6
Product Synonym Names	CT45-4,CT45A4,CT45-1,CT45A1,CT45-2,CT45A2,CT45-3,CT45A3,CT45-5,CT45A5,CT45-6,CT45A6
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
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	21,273 Da
OMIM	300795
3D Structure	ModBase 3D Structure for Q8N7B7
Immunogen	CT45A4/CT45A3/CT45A2/CT45A1/CT45A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CT45A.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-CT45A antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-CT45A antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-CT45A 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-CT45A antibody	MBS6289595 is an antibody targeting CT45A. Also known as CT45A, NT (CT45-4,CT45A4,CT45-1,CT45A1,CT45-2,CT45A2,CT45-3,CT45A3,CT45-5,CT45A5,CT45-6,CT45A6) (APC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-CT45A antibody	Chen, Y.T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(7):3093-3098(2010). Chen, Y.T., et al. Int. J. Cancer 124(12):2893-2898(2009). Chen, Y.T., et al. Proc. Natl. Acad. Sci. U.S.A. 102(22):7940-7945(2005).

Other Notes	Small volumes of anti-CT45A 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-CT45A antibody
CT45A Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CT45A antibody detected the CT45A protein (arrow).



Flow Cytometry (FC/FACS) of anti-CT45A antibody
CT45A1 Antibody (N-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 CT45A. It may not necessarily be applicable to this product.

NCBI GI #	62899069
NCBI GeneID	541466
NCBI Accession #	NP_001017417.1
UniProt Primary Accession #	Q8N7B7
UniProt Secondary Accession #	Q6NSH3; Q5HYN5; Q8NHU0; Q5DJT8
UniProt Related Accession #	Q5HYN5
GenBank Nucleotide #	NM_001017417.2
NCBI Official Full Name	cancer/testis antigen family 45 member A1
NCBI Official Synonym Full Names	cancer/testis antigen family 45, member A1
NCBI Official Symbol	CT45A1
NCBI Official Synonym Symbols	CT45; CT45-1; CT45.1
UniProt Protein Name	Cancer/testis antigen family 45 member A4/A6
UniProt Synonym Protein Names	Cancer/testis antigen 45-4/6; Cancer/testis antigen 45A4/45A6
UniProt Gene Name	CT45A4
UniProt Synonym Gene Names	CT45-4
UniProt Entry Name	CT454_HUMAN
NCBI Protein Information	cancer/testis antigen family 45 member A1; cancer/testis antigen 45-1; cancer/testis antigen 45A1; cancer/testis antigen CT45-1
UniProt Comments for CT45A	Tissue specificity: Testis specific. Expressed in cancer cell lines. Ref.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.
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