COMMD10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	COMMD10, Polyclonal Antibody
Full Product Name	COMMD10 Conjugated Antibody
Product Gene Name	anti-COMMD10 antibody
Product Synonym Names	PTD002
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total COMMD10 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	41KD
3D Structure	ModBase 3D Structure for Q9Y6G5
Immunogen	Fusion protein of human COMMD10
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-COMMD10 antibody	Most Applications
Application Notes for anti-COMMD10 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-COMMD10 antibody	The COMMD family represents a group of evolutionary conserved proteins that share a common COMM domain at their extreme C-terminus, which provides an interface for protein-protein interactions. COMMD10 (COMM domain containing 10), also known as PTD002 or HSPC305, is a 202 amino acid protein that belongs to the COMMD family and contains one COMM domain. The gene encoding COMMD10 maps to human chromosome 5, which contains 181 million base pairs and comprises nearly 6% of the human genome. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome, while deletion of the q arm or of chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome. May modulate activity of cullin-RING E3 ubiquitin ligase (CRL) complexes (PubMed:21778237). May down-regulate activation of NF-kappa-B.
Other Notes	Small volumes of anti-COMMD10 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.
Searchable Terms for COMMD10 purchase	MBS9451663 is an antibody targeting COMMD10. Also known as COMMD10 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COMMD10. It may not necessarily be applicable to this product.

NCBI GI #	13528749
NCBI GeneID	51397
NCBI Accession #	BC005179
UniProt Primary Accession #	Q9Y6G5
UniProt Related Accession #	Q9Y6G5
NCBI Official Full Name	Homo sapiens COMM domain containing 10, mRNA
NCBI Official Synonym Full Names	COMM domain containing 10
NCBI Official Symbol	COMMD10
NCBI Official Synonym Symbols	PTD002
UniProt Protein Name	COMM domain-containing protein 10
Protein Family	COMM domain-containing protein
UniProt Gene Name	COMMD10
UniProt Entry Name	COMDA_HUMAN
NCBI Protein Information	COMM domain-containing protein 10
Research Articles on COMMD10	**1.** Data demonstrate that the FMNL2/COMMD10/p65 NF kappaB axis acts as a critical regulator in the maintenance of metastatic phenotypes in colorectal cancer.
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