

Mouse anti-Human COMMD7 Monoclonal Antibody | anti-COMMD7 antibody

COMMD7 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48202	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

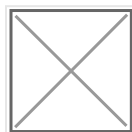
PRODUCT SYNONYMS

COMMD7; Monoclonal Antibody; COMMD7 antibody; COMM domain-containing protein 1; C2orf5; MuRR1; COMMD-1; COMMD 1; COMM; MuRR 1; MuRR-1; anti-COMMD7 antibody

PRODUCT SPECIFICATIONS

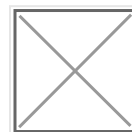
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG3, k
Clone Number	AT49B5
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	200
Applicable Applications for anti-COMMD7 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human COMMD7 (1-200aa)purified from E. coli
Clone Note	Anti-human COMMD7 mAb, clone AT49B5, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human COMMD7 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of COMMD7 in A549 cells line, stained with monoclonal anti-human COMMD7 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human COMMD7 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: A549 cell lysate Lane 2.: HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-COMMD7 antibody	COMMD family members are a group of evolutionary conserved proteins that share a common COMM domain at the extreme C-terminus, which provides an interface for protein-protein interactions. COMMD proteins may also play a role in the function of epithelial sodium channels, cell proliferation, and copper homeostasis and in the regulation of the ubiquitin pathway. With highest expression in lung, COMMD7 (COMM domain-containing protein 7) is a 200 amino acid protein that binds COMMD1 via its COMM domain.
Product Categories/Family for anti-COMMD7 antibody	Signal Transduction
References	Burstein E., et al. (2005) J Biol Chem. 280 (23): 22222-22232.; De Bie P., et al. (2006) Biochem J. 398 (1): 63-71.

NCBI AND UNIPROT INFORMATION

NCBI GI #	151101369
NCBI GeneID	149951
NCBI Accession #	NP_444269
NCBI GenBank Nucleotide #	NM_053041.2
UniProt Accession #	Q86VX2 ; Q5JYB0 ; Q96SI7 ; Q9BW53 ; A2BHJ2 ; B3KTZ2
Molecular Weight	22,412 Da
NCBI Official Full Name	COMM domain-containing protein 7 isoform 1
NCBI Official Synonym Full Names	COMM domain containing 7
NCBI Official Symbol	COMMD7
NCBI Official Synonym Symbols	C20orf92; dJ1085F17.3
NCBI Protein Information	COMM domain-containing protein 7
UniProt Protein Name	COMM domain-containing protein 7
UniProt Gene Name	COMMD7
UniProt Synonym Gene Names	C20orf92

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.