

Rabbit anti-Human COMMD9 Monoclonal Antibody | anti-COMMD9 antibody

Recombinant Anti-COMMD9 Antibody, Rabbit Monoclonal

CATALOG # AAA255772	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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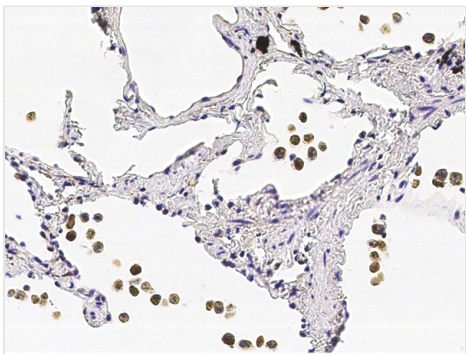
PRODUCT SYNONYMS

COMMD9; Monoclonal Antibody; Recombinant Anti-COMMD9 Antibody; Rabbit Monoclonal; COMMD9 Antibody; Rabbit MAb; COMM domain containing 9; Anti-HSPC166 Antibody; anti-COMMD9 antibody

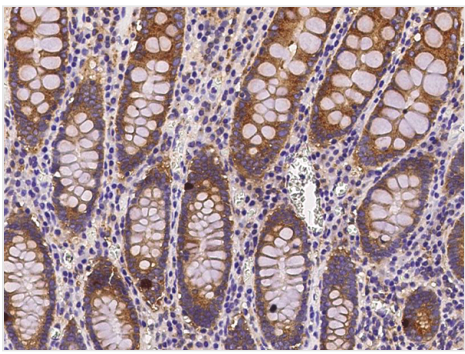
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	002
Specificity	Human COMMD9
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-COMMD9 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human COMMD9 Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human COMMD9 (rh COMMD9).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human COMMD9 in human lung with rabbit monoclonal antibody (1:5000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human COMMD9 in human small intestine with rabbit monoclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-COMMD9 antibody	COMMD9 is a COMM domain-containing or COMMD protein. COMMD family is comprised of ten members which are widely conserved throughout evolution and share certain functional properties. They represent a recently discovered set of evolutionarily conserved factors characterized by the presence of a defining carboxy-terminal motif. COMMD protein functions in the control of the transcription factor NFkappaB. NFkappaB plays a critical role in a number of homeostatic processes in multicellular organisms, including the regulation of immunity and cell survival. COMMD proteins inhibit NFkappaB mediated gene expression, and recent mechanistic studies have revealed that COMMD1 controls the ubiquitination of NFkappaB subunits, an event linked to transcriptional termination. COMMD1 binds to a multimeric ubiquitin ligase containing Elongins B/C, Cul2 and SOCS1 (ECS(SOCS1)). In this complex, COMMD1 facilitates the binding of NFkappaB subunits to the ligase, thereby promoting their ubiquitination and degradation. Additional insights gained from these studies indicate that COMMD proteins likely play a broader role in cellular homeostasis through their participation in the ubiquitination pathway.
References	Ota T. et al., 2004, Nat Genet. 36 (1): 40-5. Gerhard DS. et al., 2004, Genome Res. 14 (10B): 2121-7. Burstein E. et al., 2005, J Biol Chem. 280 (23): 22222-32.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156416005
NCBI GeneID	29099
NCBI Accession #	NP_054905.2
NCBI GenBank Nucleotide #	NM_014186.3
UniProt Accession #	Q9P000; Q96FI2; Q9H0R0; E9PAN2
Molecular Weight	17,333 Da
NCBI Official Full Name	COMM domain-containing protein 9 isoform 1
NCBI Official Synonym Full Names	COMM domain containing 9
NCBI Official Symbol	COMMD9
NCBI Official Synonym Symbols	HSPC166
NCBI Protein Information	COMM domain-containing protein 9
UniProt Protein Name	COMM domain-containing protein 9
UniProt Gene Name	COMMD9
UniProt Entry Name	COMD9_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/commd9-antibody-clone-002-immunohistochemistry-elisa/255772>