

Product Datasheet

COMMD1 Antibody (OTI1F2)

NBP2-03755

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-03755

COMMD1 Antibody (OTI1F2)

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F2
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	21 kDa

Product Description

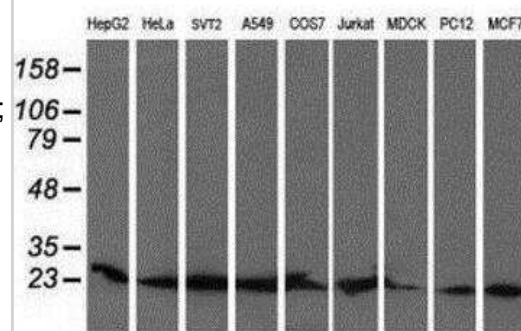
Host	Mouse
Gene ID	150684
Gene Symbol	COMMD1
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human COMMD1(NP_689729) produced in HEK293T cell.

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

Images

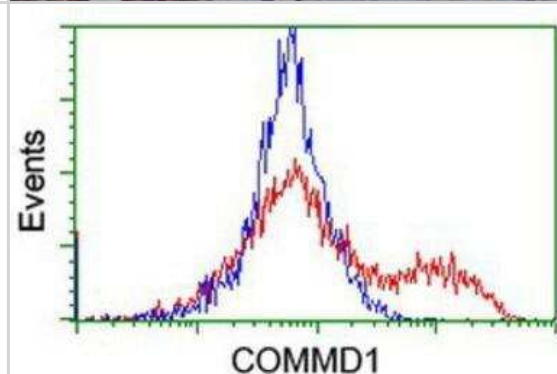
Western Blot: COMMD1 Antibody (1F2) [NBP2-03755] - Analysis of extracts (35ug) from 9 different cell lines by using anti-COMMD1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



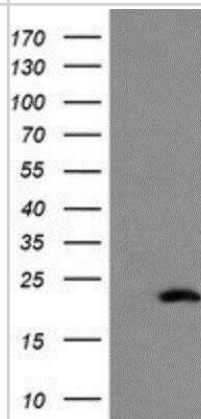
Immunohistochemistry-Paraffin: COMMD1 Antibody (1F2) [NBP2-03755]
- Staining of paraffin-embedded Human prostate tissue using anti-COMMD1 mouse monoclonal antibody.



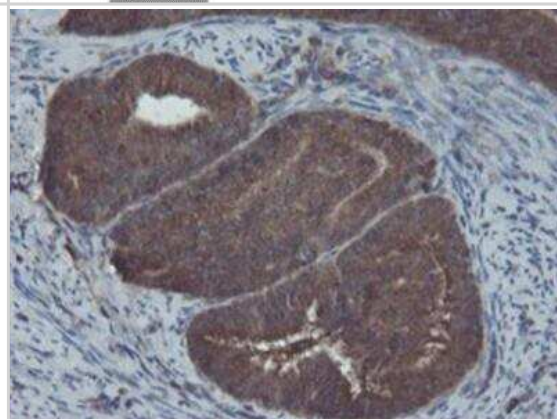
Flow Cytometry: COMMD1 Antibody (1F2) [NBP2-03755] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-COMMD1 antibody, and then analyzed by flow cytometry.



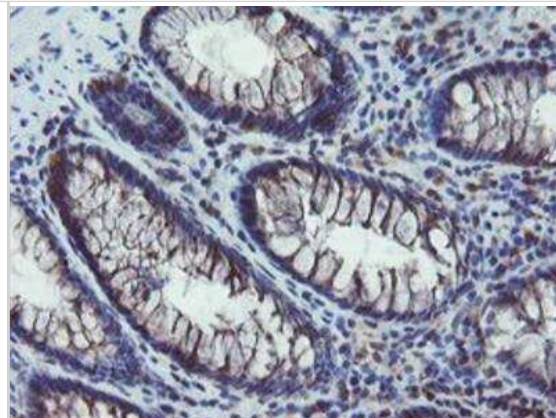
Western Blot: COMMD1 Antibody (1F2) [NBP2-03755] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY COMMD1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-COMMD1.



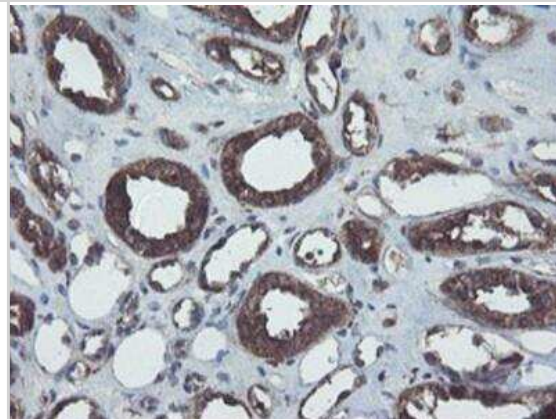
Immunohistochemistry-Paraffin: COMMD1 Antibody (1F2) [NBP2-03755]
- Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-COMMD1 mouse monoclonal antibody.



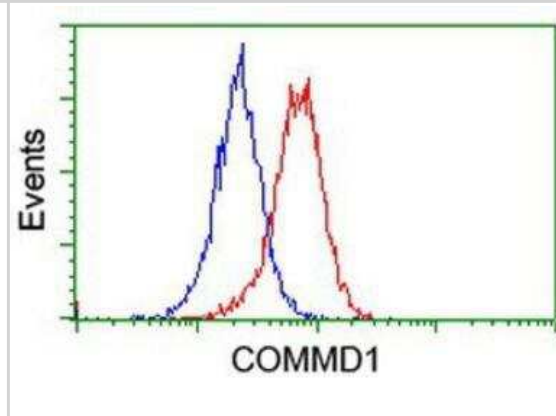
Immunohistochemistry-Paraffin: COMMD1 Antibody (1F2) [NBP2-03755]
- Staining of paraffin-embedded Human colon tissue using anti-COMMD1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: COMMD1 Antibody (1F2) [NBP2-03755]
- Staining of paraffin-embedded Human Kidney tissue using anti-COMMD1 mouse monoclonal antibody.



Flow Cytometry: COMMD1 Antibody (1F2) [NBP2-03755] - Analysis of Jurkat cells, using anti-COMMD1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Amika Singla, Alina Fedoseienko, Sai S. P. Giridharan, Brittany L. Overlee, Adam Lopez, Da Jia, Jie Song, Kayci Huff-Hardy, Lois Weisman, Ezra Burstein, Daniel D. Billadeau Endosomal PI(3)P regulation by the COMMD/CCDC22/CCDC93 (CCC) complex controls membrane protein recycling Nature Communications 2019-09-19 [PMID: 31537807]



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Products Related to NBP2-03755

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-50846-0.05mg	Recombinant Human COMMD1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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