

Product Datasheet

TMEM98 Antibody - BSA Free NBP1-84154

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-84154

TMEM98 Antibody - BSA Free

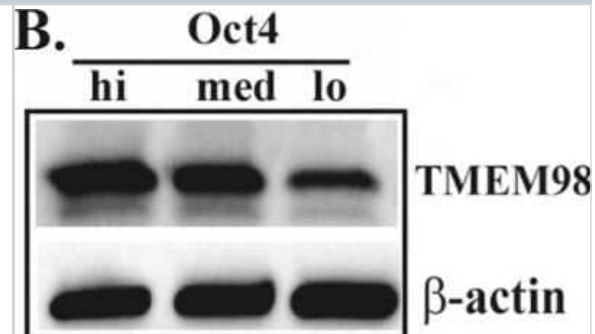
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	26022
Gene Symbol	TMEM98
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: CRQRYCRPRDLLQRYDSKPIVDLIGAMETQSEPSELELDDVVITNPHIEAILENE DWIEDASGLMSHCIALKICHTLTKELVAMTMGSGAKMKTSASVS

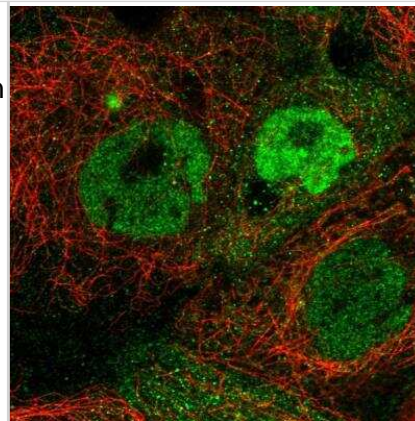
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:500, Flow Cytometry, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	WB reported in scientific literature (PMID: 29321622). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

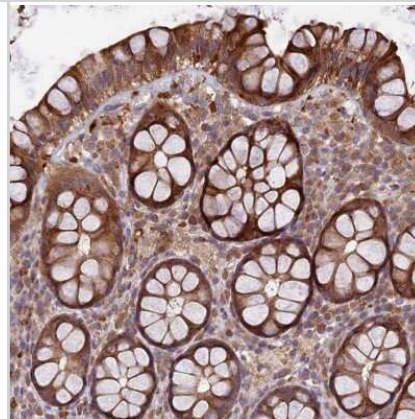
Western Blot: TMEM98 Antibody [NBP1-84154] - Expression of selected genes in BCC subsets. Western blots for GPR64, TMEM98, FAT4, RAP1A and FN1 using whole cell extracts expression from Oct4hi, Octmed and Oct4low, isolated as for 'A'. The results represent four different independent experiments. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-017-18834-5>), licensed under a CC-BY license.



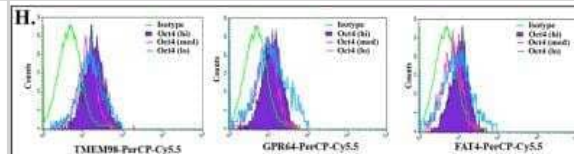
Immunocytochemistry/Immunofluorescence: TMEM98 Antibody [NBP1-84154] - Staining of human cell line A-431 shows positivity in cytoplasm and nucleus but excluded from the nucleoli. Antibody staining is shown in green.



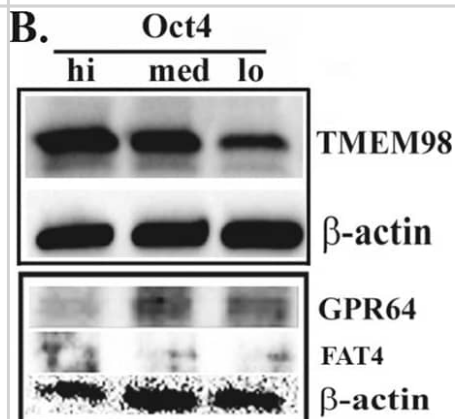
Immunohistochemistry-Paraffin: TMEM98 Antibody [NBP1-84154] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



Flow Cytometry: TMEM98 Antibody [NBP1-84154] - Characterization of BCC subsets. MDA-MB-231, stably transfected with Oct4-GFP (left panel), was labeled with PE-anti-TMEM-98, -GPR64 and -FAT4 and analyzed by flow cytometry based on the relative GFP levels (n=5). Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-017-18834-5#additional-information>), licensed under a CC-BY license.



Expression of selected genes in BCC subsets. (A) Real time PCR for GPR64, FAT4, TMEM98, ALOX5 AP, DUSP4, RAP1A & FN1. The RNA was isolated from Oct4hi, Octmed & Oct4low subsets from MDA-MB-231 stably transfected with pEGFP1-Oct3/4. The results are shown as relative to β -actin expression with mean \pm SD for four independent experiments. (B) Western blots for GPR64, TMEM98, FAT4, RAP1A & FN1 using whole cell extracts expression from Oct4hi, Octmed & Oct4low, isolated as for 'A'. The results represent four different independent experiments. Image collected & cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41598-017-18834-5>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Bliss SA, Paul S, Pobiaryzyn PW et al. Evaluation of a developmental hierarchy for breast cancer cells to assess risk-based patient selection for targeted treatment Sci Rep 2018-01-10 [PMID: 29321622] (WB, Human)



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Products Related to NBP1-84154

NBP1-84154PEP	TMEM98 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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