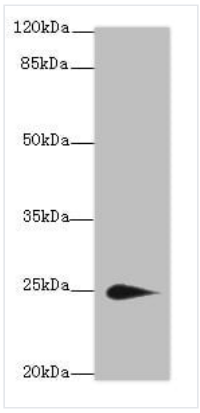
TMEM174 Antibody – Rabbit Polyclonal

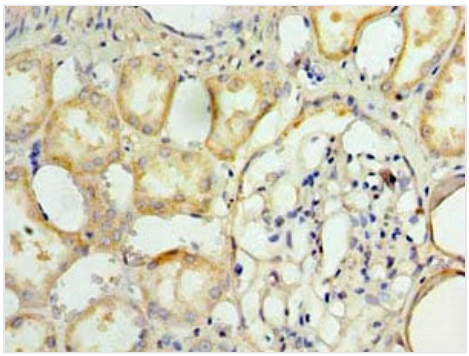
PRODUCT OVERVIEW

Product Name	TMEM174, Polyclonal Antibody
Full Product Name	TMEM174 Antibody
Product Gene Name	anti-TMEM174 antibody
Product Synonym Names	Transmembrane protein 174, TMEM174
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, mouse
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: TMEM174 (MBS7001196) FITC Conjugated Antibody: TMEM174 (MBS1494999)
Matching Pairs	Unconjugated Antibody: TMEM174 (MBS7001196) Biotin Conjugated Antibody: TMEM174 (MBS1495742)
Matching Pairs	Unconjugated Antibody: TMEM174 (MBS7001196) HRP Conjugated Antibody: TMEM174 (MBS1496809)
OMIM	614909
3D Structure	ModBase 3D Structure for Q8WUU8
Immunogen	Recombinant Human Transmembrane protein 174 protein (94-243AA)
Species	Human
Research Area	Others
Target Names	TMEM174
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-244379 / sc-244381
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TMEM174 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-TMEM174 antibody	Recommended dilution: WB:1:500-2000, IHC:1:20-1:200, IF:1:50-1:200
Related Product Information for anti-TMEM174 antibody	MBS7001196 is an antibody targeting TMEM174. Also known as TMEM174 Antibody. Reactive in Human, mouse. Host: Rabbit.

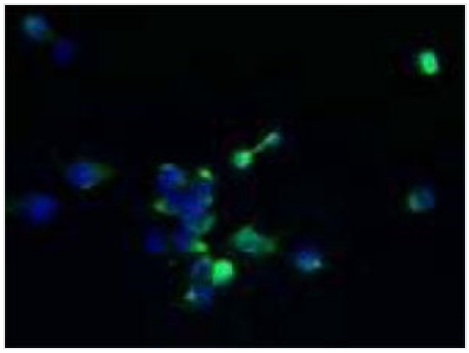
Other Notes	Small volumes of anti-TMEM174 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TMEM174 antibody
Western blotAll lanes: TMEM174 antibody at 0.8ug/ml+ Mouse kidney tissueGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 27,24 kDaObserved band size: 27 kDa



Immunohistochemistry (IHC) of anti-TMEM174 antibody
Immunohistochemistry of paraffin-embedded human kidney tissue using MBS7001196 at dilution of 1:100



Immunofluorescent (IF) of anti-TMEM174 antibody
Immunofluorescent analysis of 293T cells using MBS7001196 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMEM174. It may not necessarily be applicable to this product.

NCBI GI #	23397475
NCBI GeneID	134288
NCBI Accession #	NP_694949.1
UniProt Primary Accession #	Q8WUU8
UniProt Secondary Accession #	Q96N81; B2RDA0
UniProt Related Accession #	Q8WUU8
GenBank Nucleotide #	NM_153217.2
NCBI Official Full Name	transmembrane protein 174
NCBI Official Synonym Full Names	transmembrane protein 174
NCBI Official Symbol	TMEM174
UniProt Protein Name	Transmembrane protein 174
Protein Family	Transmembrane protein
UniProt Gene Name	TMEM174

UniProt Entry Name	TM174_HUMAN
NCBI Protein Information	transmembrane protein 174
UniProt Comments for TMEM174	TMEM174: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 5q13.2 Cellular Component: endoplasmic reticulum membrane; integral to membrane Molecular Function: protein binding
Research Articles on TMEM174	**1.** these results suggest the potential role of TMEM174 in renal development and physiological function.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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