

Product Information

Recombinant Anti-Human tmem27 Antibody

Cat. No.: **MOM-18507**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human TMEM27, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Tmem27 is highly expressed on renal proximal tubules and collecting ducts, and also in pancreatic beta cells. By regulating the function of the SNARE complex in vesicle transport it is thought to play a role in amino acid transport in kidneys and insulin secretion in the pancreas.

Specific Activity

Tested positive against native antigen.

Target

TMEM27

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in Neut, ELISA, ICC and most other immunological methods.

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFORMATION

Gene Name

[TMEM27 transmembrane protein 27 \[Homo sapiens \]](#)

Official Symbol

TMEM27

Synonyms

TMEM27; transmembrane protein 27; collectrin; NX17; 0610008J07Rik; kidney-specific membrane protein; NX-17

Gene ID

[57393](#)

mRNA Refseq

[NM_020665](#)

Protein Refseq

[NP_065716](#)

MIM

[300631](#)

UniProt ID

Q9HBJ8

Chromosome Location

Xp22

Function

metallopeptidase activity; peptidyl-dipeptidase activity;