

## MMGT1 Antibody

Catalog No: #42906

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## Description

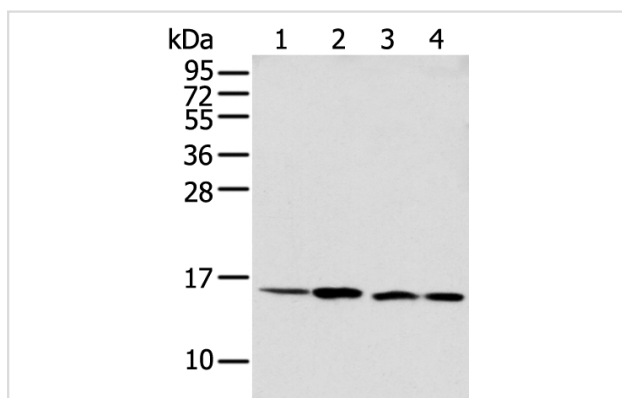
Product Name	MMGT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MMGT1 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human MMGT1
Target Name	MMGT1
Other Names	EMC5; TMEM32
Accession No.	Swiss-Prot#: Q8N4V1 Gene ID: 93380
Uniprot	Q8N4V1
GeneID	93380;
Calculated MW	15kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

## Images



Gel: 12%SDS-PAGE

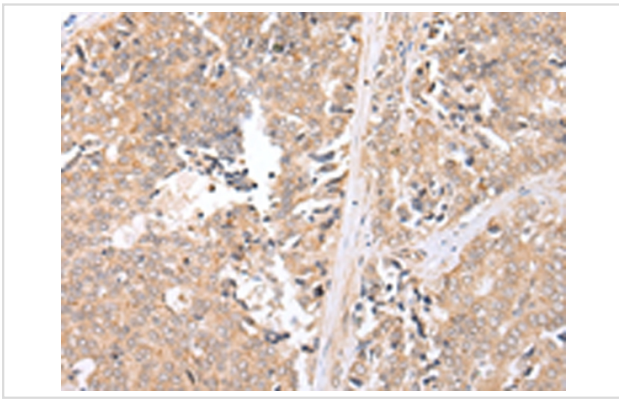
Lysate: 40 µg

Lane 1-4: HeLaB£B-293TB£B-231 and PC-3 cell

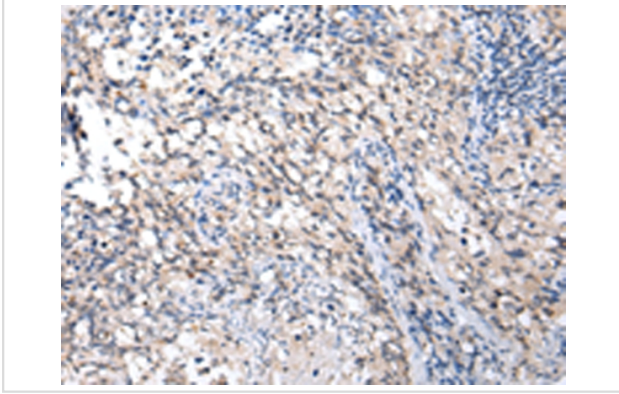
Primary antibody: 1/250 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using #42906 at dilution 1/20.



Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using #42906 at dilution 1/20.

## Background

MMGT1 (membrane magnesium transporter 1), also known as TMEM32 (transmembrane protein 32), is a 131 amino acid single-pass type I membrane protein of the endoplasmic reticulum, golgi apparatus and early endosome that belongs to the membrane magnesium transporter family. As such, MMGT1 mediates magnesium transport and exists as two alternatively spliced isoforms. The gene encoding MMGT1 maps to human chromosome Xq26.3. The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of a X and Y chromosome lead to normal male development while two copies of X lead to normal female development.

Note: This product is for in vitro research use only