

Datasheet for ABIN213422

**anti-TMEM5 antibody (Extracellular Domain)****2** Images[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	TMEM5
Binding Specificity:	Extracellular Domain
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM5 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 16 amino acid peptide from extracellular domain of human TMEM5. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%), Mouse, Rat, Bovine, Elephant, Horse, Pig (94%), Marmoset, Dog, Chicken (88%), Turkey (81%).  Type of Immunogen: Synthetic peptide
Specificity:	Human TMEM5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%) Mouse, Rat, Bovine, Elephant, Horse, Pig (94%) Marmoset, Dog, Chicken (88%) Turkey (81%).
Purification:	Immunoaffinity purified

## Target Details

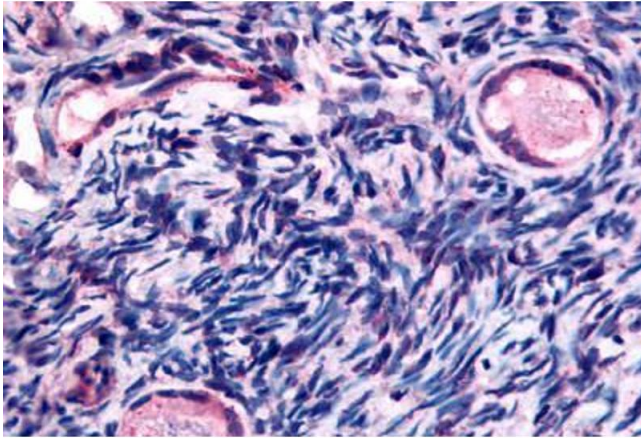
Target:	TMEM5
Alternative Name:	TMEM5 ( <a href="#">TMEM5 Products</a> )
Background:	Name/Gene ID: TMEM5  Synonyms: TMEM5, HP10481, Transmembrane protein 5
Gene ID:	10329

## Application Details

Application Notes:	Approved: IHC, IHC-P (10 µg/mL)  Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

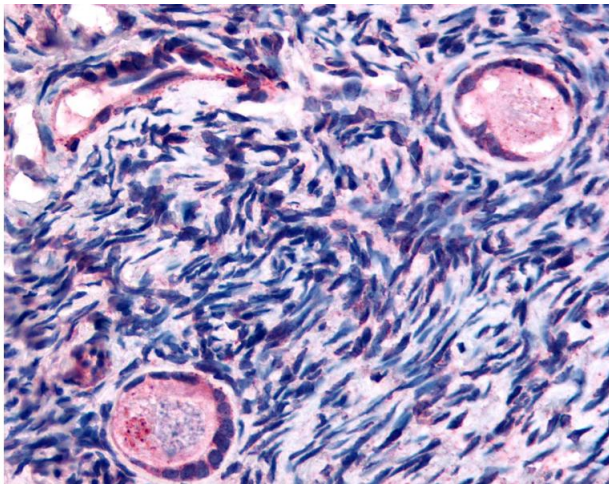
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Ovary, Oocytes (formalin-fixed, paraffin-embedded) stained with TMEM5 antibody ABIN213422 at 10 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-TMEM5 antibody IHC of human ovary, oocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.