

Datasheet for ABIN1049414  
**anti-TM9SF3 antibody (Internal Region)**



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## Overview

Quantity:	50 µg
Target:	TM9SF3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Cow, Horse, Rat, Rabbit, Dog, Guinea Pig, Chicken, Pig, Monkey, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TM9SF3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 15 amino acid peptide from internal region of human TM9SF3. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus (100%), Lizard, Stickleback, Medaka (93%), Bat, Salmon, Zebrafish, Eye worm, Tick (87%), Pufferfish, Drosophila, Water flea, Nematode (80%).  Type of Immunogen: Synthetic peptide
Specificity:	Human TM9SF3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

## Product Details

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Predicted Reactivity: Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Bovine, Dog, Horse, Rabbit, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus (100%) Lizard, Stickleback, Medaka (93%) Bat, Salmon, Zebrafish, Eye worm, Tick (87%) Pufferfish, Drosophila, Water flea, Nematode (80%).

Purification: Immunoaffinity purified

## Target Details

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Target: TM9SF3

Alternative Name: TM9SF3 ([TM9SF3 Products](#))

Background: Name/Gene ID: TM9SF3

Synonyms: TM9SF3, EP70-P-iso, RP11-34E5.1, SMBP, SM-11044 binding protein, SM-11044-binding protein

Gene ID: 56889

## Application Details

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Application Notes: Approved: IHC, IHC-P (10 µg/mL)

Comment: Target Species of Antibody: Human

Assay Procedure: **The IHC-pro Immunohistochemistry Protocol**

### **Tissue Preparation**

Formalin fixation and embedding in paraffin wax

### **Tissue Sectioning**

Make 4-µm sections and place on pre-cleaned and charged microscope slides.

Heat in a tissue-drying oven for 45 minutes at 60°C

Deparaffinization

Wash slides in 3 changes of xylene – 5 minutes each at room temperature.

### **Rehydration**

Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature.

Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature.

Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.

Rinse slides in gentle running distilled water – 5 minutes at room temperature.

### **Antigen retrieval**

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes

Remove from heat and let stand at room temperature in buffer - 20 minutes

Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

### **Immunostaining**

Do not allow tissues to dry at any time during the staining procedure.

Apply a universal protein block – 20 minutes at room temperature.

Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.

Rinse slides 1X TBST – 1 minute at room temperature.

Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply alkaline phosphatase chromogen substrate – 30 minutes at room temperature.

Wash slides in distilled water – 1 minute at room temperature.

### **Dehydrate**

This method should only be used if the chromogen substrate is alcohol insoluble.

Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.

Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of xylene – 1 minute each at room temperature.

Apply coverslip

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Restrictions: For Research Use only

## Handling

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Format: Liquid

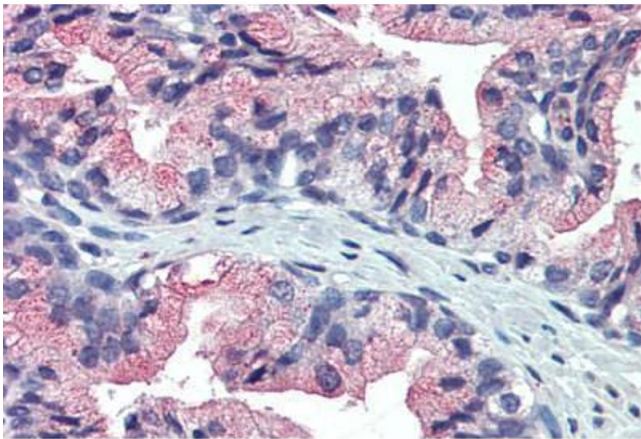
Concentration: Lot specific

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## Handling

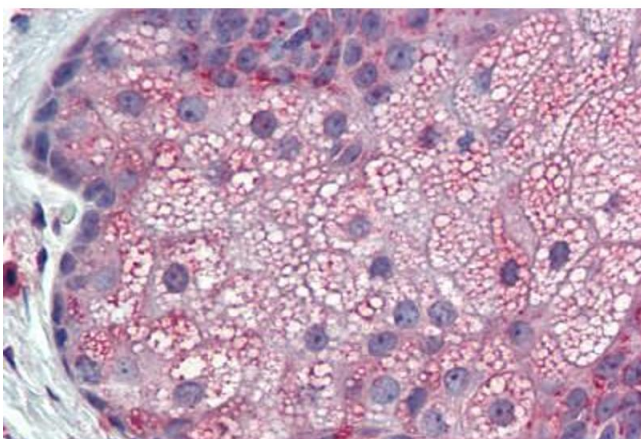
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to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

## Images



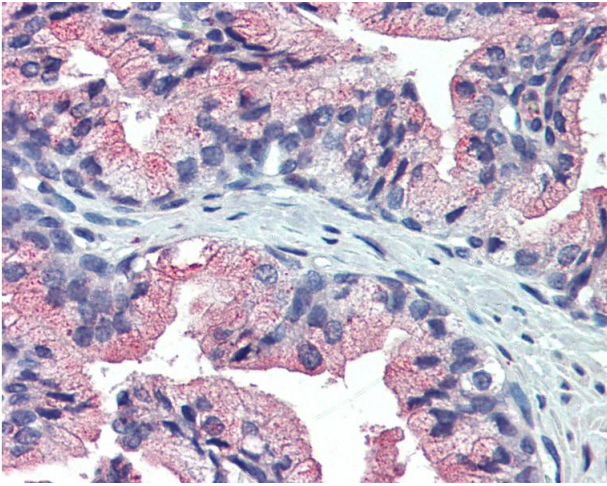
### Immunohistochemistry

**Image 1.** Anti-TM9SF3 antibody IHC staining of prostate, human. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1049414 dilution 10 ug/ml.



### Immunohistochemistry

**Image 2.** Anti-TM9SF3 antibody IHC staining of skin, sebaceous gland, human. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1049414 dilution 10 ug/ml.



### Immunohistochemistry

**Image 3.** Anti-TM9SF3 antibody IHC of prostate, human. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 10 ug/ml.