

Datasheet for ABIN391564  
**anti-TMPRSS2 antibody (AA 314-343)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	TMPRSS2
Binding Specificity:	AA 314-343
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This TMPRSS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 314-343 amino acids from the Central region of human TMPRSS2.
Clone:	RB18785
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	TMPRSS2
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## Target Details

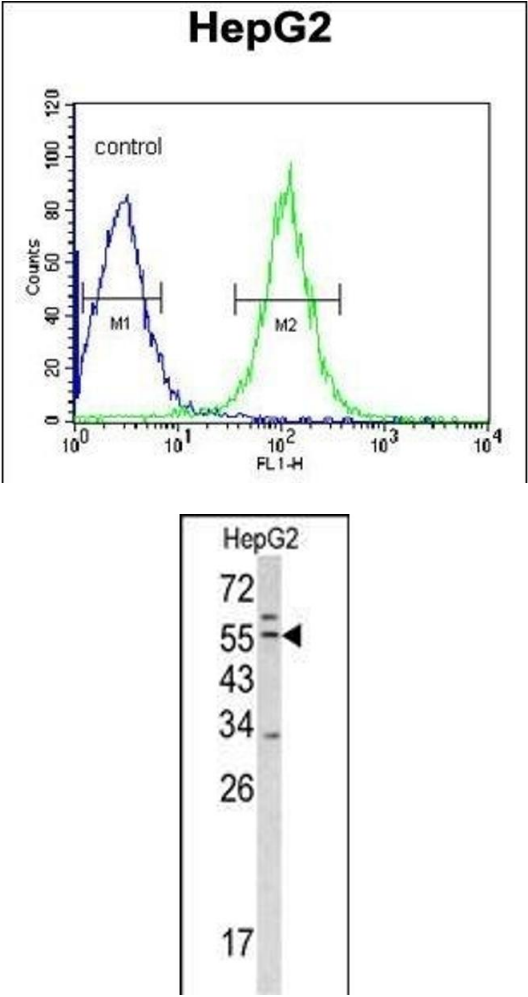
Alternative Name:	TMPRSS2 ( <a href="#">TMPRSS2 Products</a> )
Background:	TMPRSS2 is a protein that belongs to the serine protease family. The protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. Its gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage.
Molecular Weight:	53859
Gene ID:	7113
NCBI Accession:	<a href="#">NP_001128571</a> , <a href="#">NP_005647</a>
UniProt:	<a href="#">O15393</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

**Image 1.** TRSS2 Antibody (Center) (ABIN391564 and ABIN2841503) flow cytometric analysis of HepG2 cells (right histogram) coated to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

**Image 2.** Western blot analysis of TRSS2 antibody (Center) (ABIN391564 and ABIN2841503) in HepG2 cell line lysates (35 µg/lane). TRSS2 (arrow) was detected using the purified Pab.