

## Product datasheet for **TA504339AM**

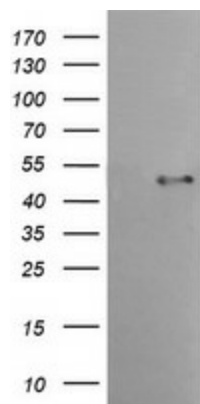
### **TMPRSS5 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI4G4]**

#### **Product data:**

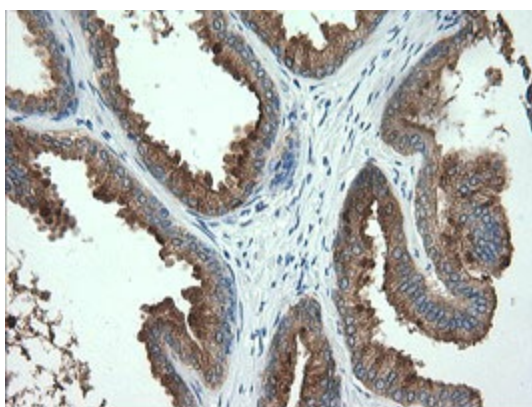
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4G4
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:1000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TMPRSS5(NP_110397) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	49.4 kDa
<b>Gene Name:</b>	transmembrane serine protease 5
<b>Database Link:</b>	<a href="#">NP_110397</a> <a href="#">Entrez Gene 80975 Human</a> <a href="#">Q9H3S3</a>
<b>Background:</b>	This gene encodes a protein that belongs to the serine protease family. Serine proteases are known to be involved in many physiological and pathological processes. [provided by RefSeq, Jul]
<b>Synonyms:</b>	SPINESIN
<b>Protein Families:</b>	Druggable Genome, Protease, Transmembrane



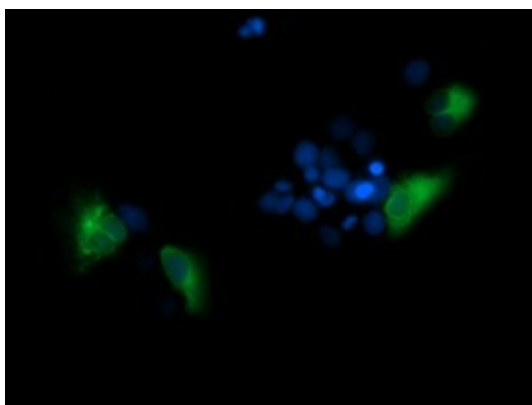
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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TMPRSS5 (Cat# [RC223774], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TMPRSS5 (Cat# [TA504339]). Positive lysates [LY410720] (100ug) and [LC410720] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TMPRSS5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA504339])



Anti-TMPRSS5 mouse monoclonal antibody ([TA504339]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TMPRSS5 ([RC223774]).