

## Product datasheet for **TA506693**

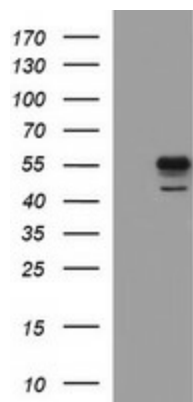
### **MMP13 Mouse Monoclonal Antibody [Clone ID: OTI3A7]**

#### **Product data:**

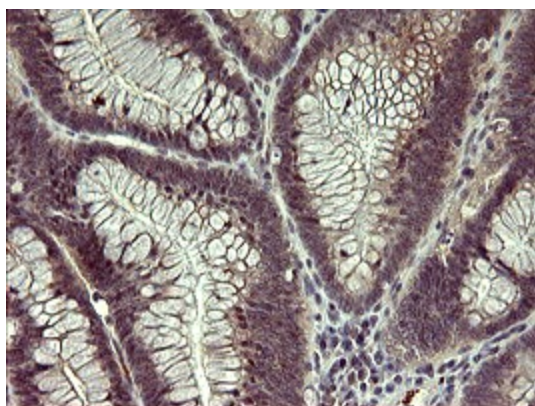
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI3A7
<b>Applications:</b>	IF, IHC, WB
<b>Recommend Dilution:</b>	WB 1:1000, IHC 1:150, IF 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 104-471 of human MMP13(NP_002418) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Predicted Protein Size:</b>	42.2 kDa
<b>Gene Name:</b>	matrix metalloproteinase 13
<b>Database Link:</b>	<a href="#">NP_002418</a> <a href="#">Entrez Gene 4322</a> <a href="#">Human</a>
<b>Synonyms:</b>	CLG3; MANDP1; MDST; MMP-13
<b>Protein Families:</b>	Druggable Genome, Protease



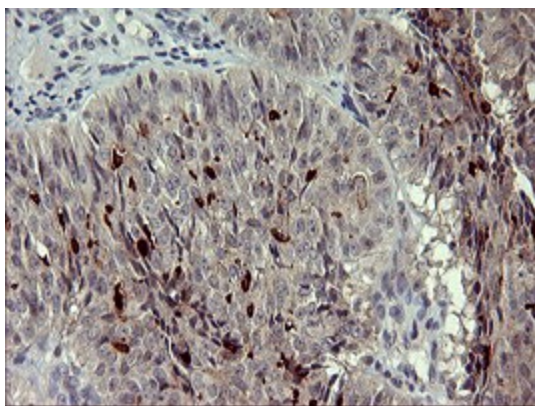
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**Product images:**

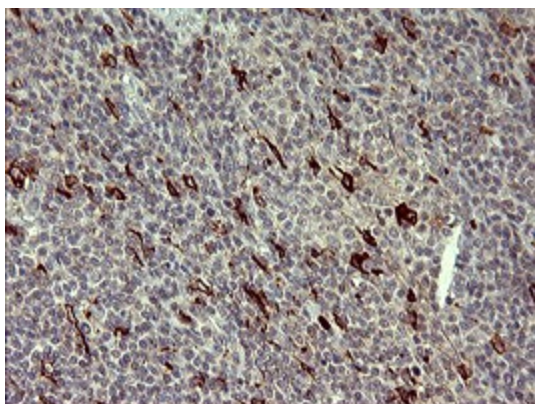
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MMP13 ([RC224156], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MMP13. Positive lysates [LY400869] (100ug) and [LC400869] (20ug) can be purchased separately from OriGene.



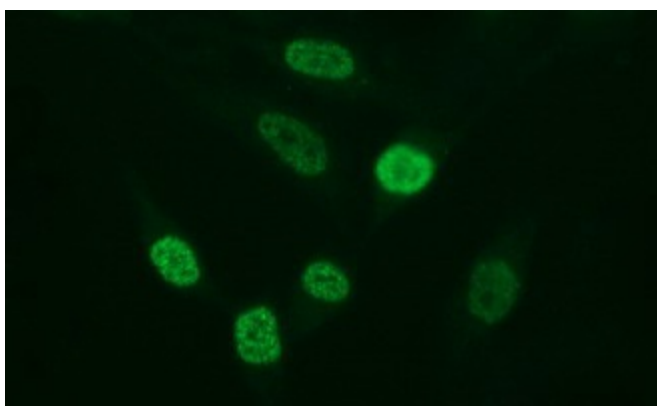
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MMP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506693)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-MMP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506693)



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-MMP13 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA506693)



Immunofluorescent staining of HeLa cells using anti-MMP13 mouse monoclonal antibody (TA506693).