

## Product Datasheet

### MMP1 Rabbit Polyclonal Antibody (orb1294376)

<b>Catalog Number</b>	orb1294376
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to MMP 1
<b>Target</b>	MMP1
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Rat
<b>Buffer/Preservatives</b>	100mM Tris Glycine, 1% rAlbumin, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Synthetic peptide / encompassing a sequence within the center region
<b>Tested applications</b>	IF, IHC, WB
<b>Dilution range</b>	Western Blot 1:500, Immunofluorescence 1: 100- 1:300, Immunohistochemistry (Paraffin) 1: 100-1:200
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only

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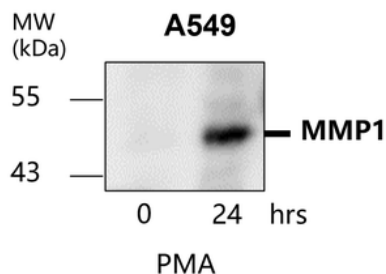
**Biorbyt LLC**

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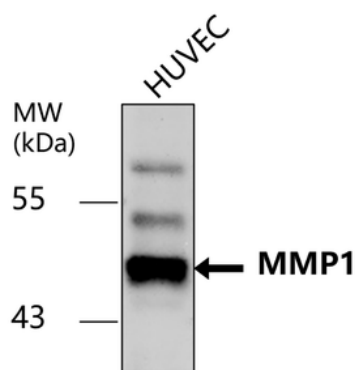
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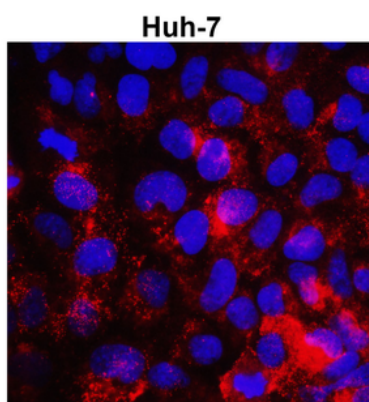
**Expiration Date** 12 months from date of receipt.



All lanes: Anti-MMP1 antibody at 1/500 dilution, Lysates/proteins at 40 µg per lane. This blot was produced using a 7.5% SDS-PAGE. Nitrocellulose membrane was then blocked with 3% BSA for an hour before being incubated with orb1294376 overnight at 4°C.



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Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294376 anti-MMP1 antibody (red) at 1:300 and 4°C. DAPI (blue) was used as the nuclear counter stain.

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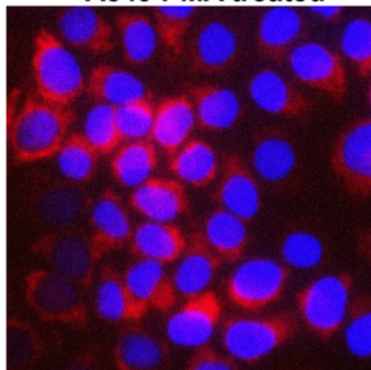
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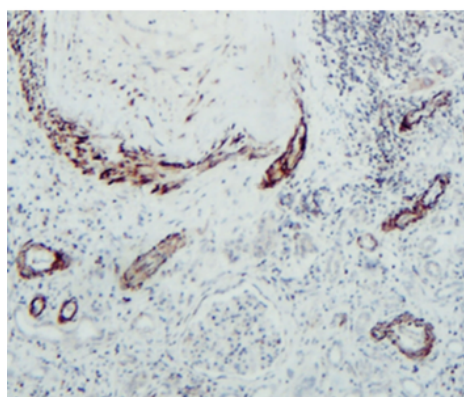
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**A549 PMA treated**

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Immunohistochemical analysis of paraffin embedded mouse testis labeling MMP1 with orb1294376 at 1/100.

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