

## Product Datasheet

### MMP9 Rabbit Polyclonal Antibody (orb13583)

<b>Catalog Number</b>	orb13583
<b>Category</b>	Antibodies
<b>Description</b>	This MMP9 Rabbit Polyclonal Antibody recognizes MMP9, a 78 kDa protein, and is validated for ELISA, IF, IHC-P, and WB in human, mouse and rat samples. This product is intended for research use only.
<b>Target</b>	MMP9
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	10 mM PBS, 0.02% sodium azide
<b>Concentration</b>	- 100 µg (in 200 µl): 0.5 mg/ml- 200 µg (in 400 µl): 0.5 mg/ml
<b>Purity</b>	Polyclonal antibodies are purified by peptide affinity chromatography
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human MMP9. Please contact us for the exact immunogen sequence. The peptide is available as orb374791.
<b>UniProt ID</b>	<b>P14780, P41245</b>
<b>RRID</b>	AB_10751879
<b>MW</b>	78 kDa

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

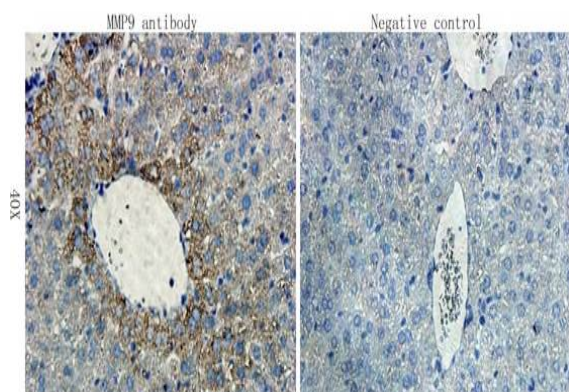
**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

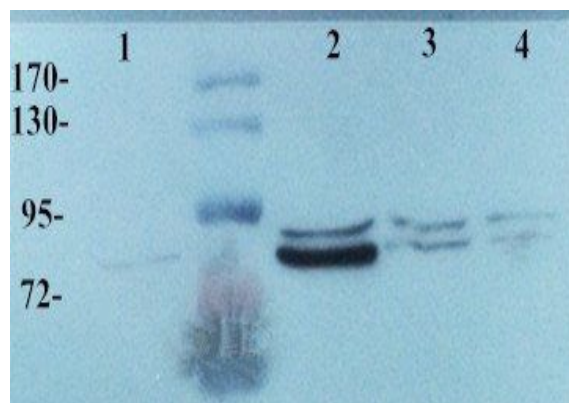
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>Tested applications</b>	ELISA, ICC, IF, IHC-P, WB
<b>Dilution range</b>	WB: 2 µg/ml, IHC-P:1:200, IF/ICC: 1:200
<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
<b>Entrez</b>	<b>4318</b>
<b>NCBI</b>	<b>004994, 004985, 21</b>
<b>Expiration Date</b>	12 months from date of receipt.



IHC-P staining of mouse liver tissue using MMP9 antibody (dilution at 1:200)



WB analysis of Mouse spleen (Lane 1), Rat lung (Lane 2), Rat spleen (Lane 3), Rat heart (Lane 4) using anti MMP9 (primary antibody dilution at 2 ug/ml)

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

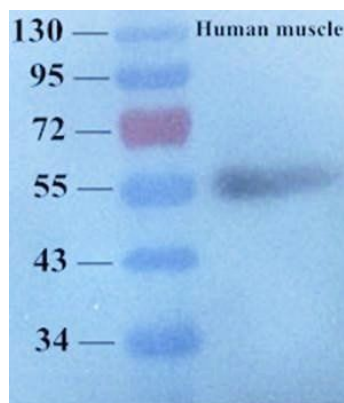
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

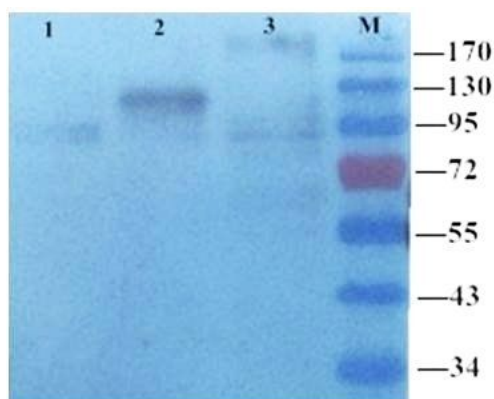
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

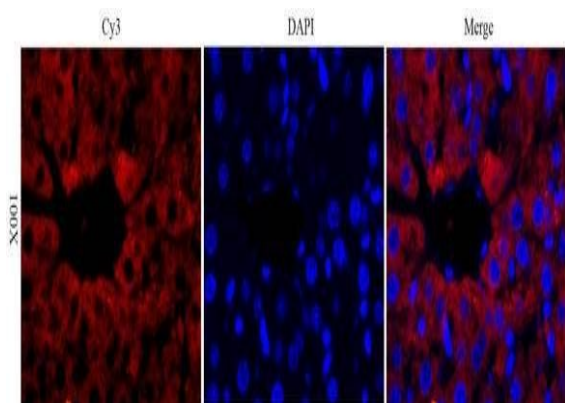
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Western blot analysis of human muscle tissue using MMP9 antibody (primary antibody at 1:100)



Western blot analysis of rat brain (Lane 1), kidney (Lane 2) and lung (Lane 3) using MMP9 antibody (dilution of primary antibody at 1:100)



Immunofluorescence image of mouse liver tissue using MMP9 antibody (dilution at 1:200)

## Biorbyt Ltd.

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

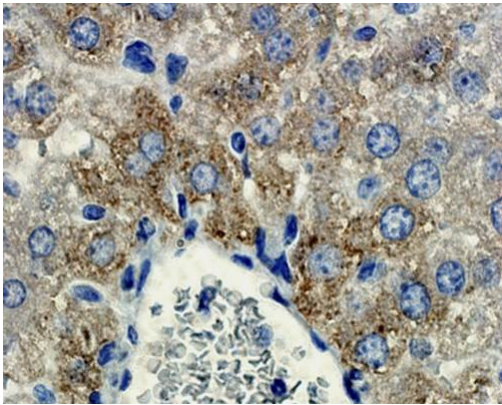
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

## Biorbyt LLC

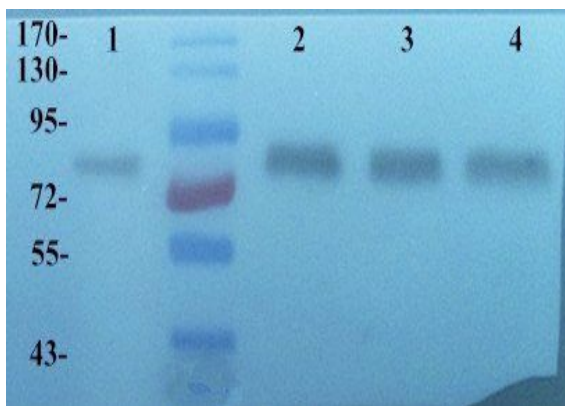
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

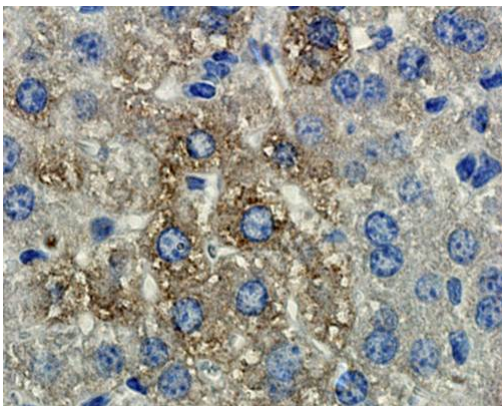
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



IHC-P image of mouse liver tissue using MMP9 antibody (dilution of primary antibody at 1:200)



Western blot analysis of Mouse spleen (Lane 1), Rat lung (Lane 2), Rat spleen (Lane 3), Rat heart (Land 4) using MMP9 antibody (Dilution at 2 ug/ml)



IHC-P staining of mouse liver tissue using anti-MMP9 (dilution at 1:200)

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558