

## Product Datasheet

### MMP9 Rabbit Polyclonal Antibody (orb574506)

<b>Catalog Number</b>	orb574506
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to MMP9
<b>Target</b>	MMP9
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Canine, Equine, Guinea pig, Mouse, Rabbit, Rat, Sheep, Zebrafish
<b>Form/Appearance</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Concentration</b>	1.0 mg/ml
<b>Buffer/Preservatives</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Purification</b>	Protein A purified
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human MMP9
<b>Protein Sequence</b>	Synthetic peptide located within the following region: VAEHGDGYFPDGDGLLAHAFPPGPGIQGDAHFDDELWVSLGKGVVPTTR
<b>UniProt ID</b>	<b>P14780</b>

**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)

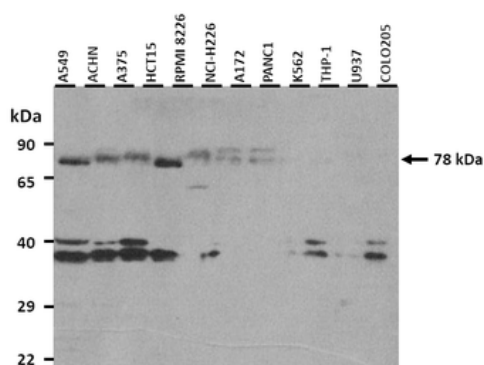
**Biorbyt LLC**

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)

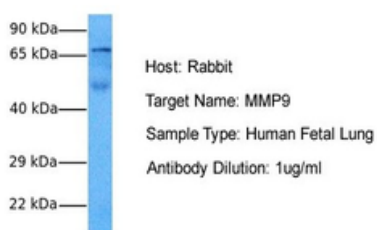
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

<b>MW</b>	78 kDa
<b>Tested applications</b>	IHC, WB
<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>NCBI</b>	<b>NP_004985</b>
<b>Expiration Date</b>	12 months from date of receipt.



25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 4 ug/ml of the antibody was used in this experiment. Recommended dilution for this antibody is 1-3 ug/ml. MMP9 is cleaved from 78 kDa to an approximately 66 kDa mature form.

### MMP9



Sample Tissue: Human Fetal Lung, Antibody dilution: 1.0 ug/ml.

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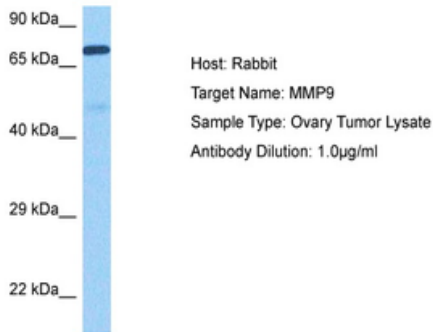
7 Signet Court, Swann Road  
 Cambridge  
 CB5 8LA  
 United Kingdom

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

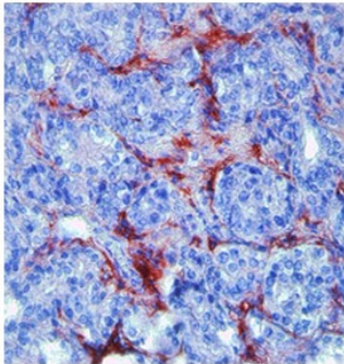
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68 TW Alexander Drive  
 Research Triangle Park  
 Durham  
 NC 27713  
 United States

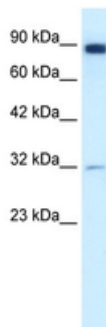
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Sample Tissue: Human Ovary Tumor, Antibody dilution: 1 ug/ml.



MMP9 in human prostate cancer was detected using HRP/AEC red color stain. Dilution: 2-15 ug/ml.



WB Suggested Anti-MMP9 Antibody Titration: 1.25 ug/ml,  
Positive Control: K562 cell lysate.

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NC 27713  
United States

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