Product Datasheet

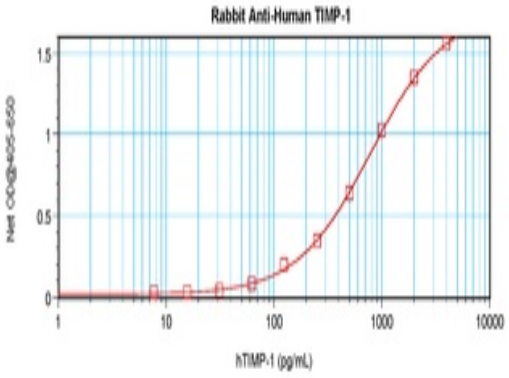
TIMP1 Antibody (orb1272681)

Catalog Number	orb1272681
Category	Antibodies
Description	TIMP1 Antibody
Target	TIMP1
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Lyophilized
Concentration	batch dependent
Immunogen	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hTIMP-1 (human Tissue Inhibitor of Metalloproteinases-1). Human TIMP-1 specific antibody was purified by affinity chromatography employing immobilized hTIMP-1 matrix.
UniProt ID	P01033
Tested applications	ELISA, NeA, WB

Biorbyt Ltd.
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom
Email: info@biorbyt.com, 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, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Application notes	Neutralization:To yield one-half maximal inhibition [ND50] of the biological activity of Human TIMP-1 (3.0 µg/mL), a concentration of 5.0 µg/mL of this antibody is required.ELISA:Indirect:To detect hTIMP-1 by indirect ELISA (using 100 µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTIMP-1.SandwichTo detect hTIMP-1 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5 - 2.0 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our biotinylated Anti-Human TIMP-1 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTIMP-1. Western Blot:To detect hTIMP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hTIMP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Antibody Type	Primary Antibody
Modifications	None
Storage	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.
Note	For research use only
NCBI	**P01033**
Expiration Date	12 months from date of receipt.



To detect hTIMP-1 by sandwich ELISA (using 100 ul/well antibody solution) a concentration of 0.5 - 2.0 ug/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human TIMP-1 (orb1272680) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hTIMP-1.

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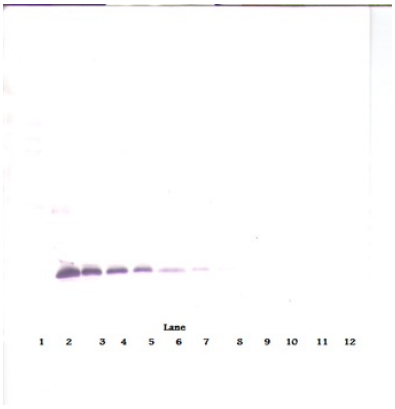
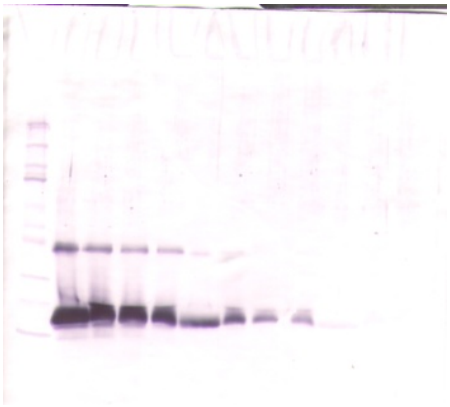


To detect hTIMP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hTIMP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



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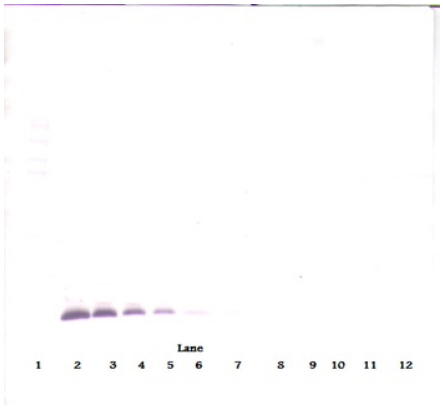

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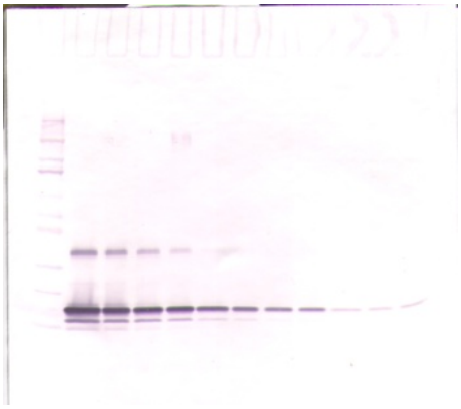

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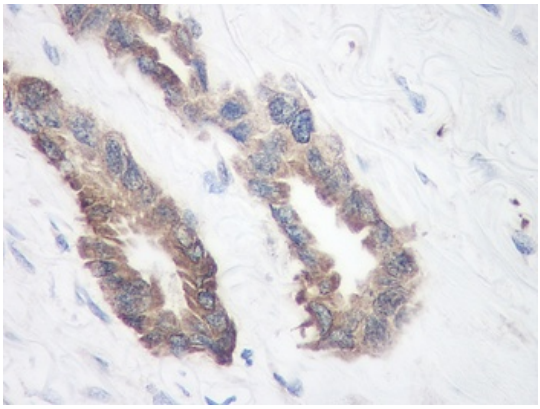
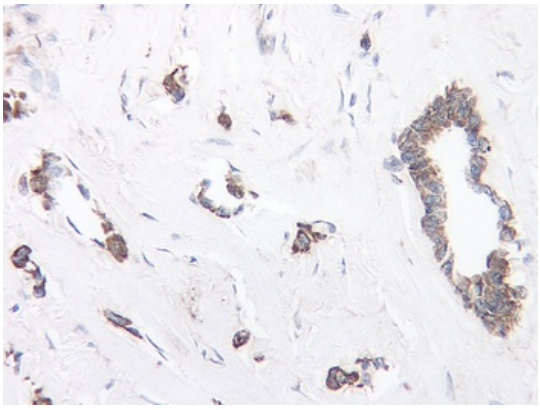


This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 0.1 ug/ml with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results were achieved with a proteinase K antigen retrieval. Optimal concentrations and conditions may vary.



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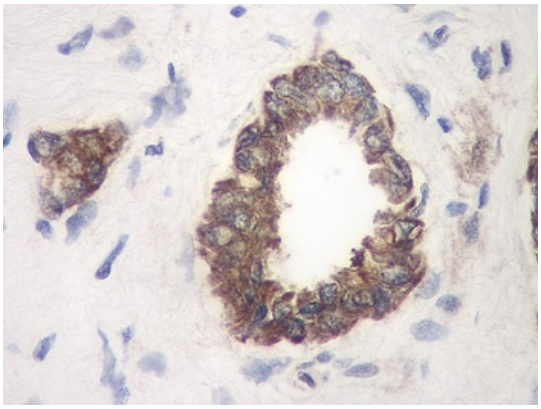

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