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## Monoclonal Antibody To Human Endostatin

### Collagen Alpha 1 (XVIII) Chain

Monoclonal antibody 1837-46 is directed against the endostatin portion (the carboxy-terminal domain) of collagen XVIII. Endostatin is a powerful inhibitor of endothelial cell proliferation and angiogenesis and shows widespread distribution, mainly in vessel walls and some other basement membrane zones.

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<b>Product Number:</b>	T-1423 (Lot 03PO0906)
<b>Clone:</b>	1837-46
<b>Host species, isotype:</b>	Mouse IgG2b
<b>Quantity:</b>	200µg
<b>Format:</b>	Affinity purified, lyophilized
	Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.09% sodium azide as a preservative.
<b>Stability:</b>	Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for immunohistochemistry (IHC). <b>Approximate working dilution for IHC:</b> Frozen sections: 5µg/ml -10µg/ml (1:40-1:80) Paraffin sections: 5µg/ml -10µg/ml (1:40-1:80); microwave pretreatment in citrate buffer is recommended for antigen retrieval. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Recombinant human endostatin.

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### Selected references

Strik H.M. et al.: Localization of endostatin in rat and human gliomas. *Cancer* 91: 1013-9 (2001).

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.