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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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| Product Number: | T-1423 |
| Clone: | 1837-46 |
| Host species, isotype: | Mouse IgG2b |
| Quantity: | 200µg |
| Format: | Affinity purified, liquid. Supplied as 0.2ml solution. This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), no stabilizer and 0.1% sodium azide as a preservative. |
| Stability: | Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing. |
| Applications: | Tested for immunohistochemistry (IHC). Approximate working dilution for IHC: Frozen sections: 10µg/ml (1:100) Paraffin sections: 10µg/ml (1:100); microwave pretreatment in citrate buffer is recommended for antigen retrieval. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil. |
| Immunogen: | Recombinant human endostatin. |

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.