



Peninsula Laboratories, LLC

A Member of the Bachem Group

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Monoclonal Antibody to Human Endothelium Endothelial Cells Of Both Normal And Neoplastic Tissues

The antigen recognized by monoclonal antibody BW-200 is expressed by endothelial tumours as well as normal endothelial cells. It is expressed by the endothelium of capillaries and other blood vessels, giving a staining of cellular membrane and cytoplasmic granules. In contrast to antibodies against Factor VIII related antigen, BW-200 reacts with endothelium of the renal glomerulus but does not stain megakaryocytes.

Product Number:	T-1119
Clone:	BW-200
Host species, isotype:	Mouse IgG3k
Quantity:	100µg
Format:	Affinity purified, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.02% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C 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: 1µg/ml (1:200) Paraffin sections: has been reported to work with paraffin sections. Optimal dilutions should be determined by the end user. Suggested positive control: Human placenta.
Immunogen:	oat-75 small-cell lung carcinoma cell line.
Antigen, epitope:	The antigen is not Factor VIII-Related Antigen, the epitope has not been further characterized.

Selected references

Alles, J.U., Bosslet, K.: Immunohistochemical and immunochemical characterization of a new endothelial cell-specific antigen. *J. Histochem. Cytochem.* **34**: 209-214 (1986)

Alles, J.U., Bosslet, K., Schachenmayr, W.: Hemangioblastoma of the cerebellum – an immunocytochemical study. *Clin. Neuropath.* **5**: 238-241 (1986)



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Nilles, M., Alles, J.U., Paule, E.: Kutanes, metastasierendes Angiosarkom des Unterarmes. Hautarzt **39**: 531-533 (1988)

Alles, J.U., Bosslet, K.: Immunocytochemistry of Angiosarcomas. Am. J. Clin. Pathol. **89**: 463-471 (1988)

Ladurner, D., et al.: Das maligne Haemangioendothelium der Schilddrüse. Wiener Klin. Wochenschr. 256-259 (1990)

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