

---

## **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.

---

<b>Product Number:</b>	T-1119 (Lot 01PO9202)
<b>Clone:</b>	BW-200
<b>Host species, isotype:</b>	Mouse IgG3k
<b>Quantity:</b>	100µg
<b>Format:</b>	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.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C  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: 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.  Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	oat-75 small-cell lung carcinoma cell line.
<b>Antigen, epitope:</b>	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)

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.