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## Monoclonal Antibody to Porcine Endothelial Cells

Monoclonal antibody PE1 recognizes platelets and discontinuously endothelial cells of blood vessels in various swine tissues. There is a strong staining of endothelial cells in the uterus, whereas in the spleen the staining is very faint. However, platelets in the spleen are stained strongly.

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<b>Product Number:</b>	T-3510 (Lot 01PO1006)
<b>Clone:</b>	PE1
<b>Host species, isotype:</b>	Mouse IgG2b kappa
<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), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.09% 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) and ELISA  <b>Approximate working dilutions:</b> IHC, frozen sections: 4µg/ml (1:50) IHC, paraffin sections: does not react on routinely processed paraffin sections. Optimal dilutions should be determined by the end user.  Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Porcine platelet extract
<b>Antigen, epitope:</b>	The epitope has not been characterized
<b>Antigen distribution:</b>	<b>Tissue sections:</b> The antigen is expressed on platelets and not continuously in endothelial cells of various vessels of swine organs. There is a strong staining on endothelial cells in uterus, whereas in spleen the staining of platelets is very strong
<b>Specificity:</b>	<b>Pig:</b> platelets, endothelial cells

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