



## MOUSE ANTI RAT PECAM-1 [CD31] MONOCLONAL ANTIBODY

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<b>CATALOG NUMBER:</b>	MAB1393	<b>QUANTITY:</b>	100 µL
<b>LOT NUMBER:</b>		<b>CONCENTRATION:</b>	1 mg/mL
<b>ALTERNATE NAMES:</b>	CD31		
<b>CLONE NAME:</b>	TLD-3A12	<b>HOST/ISOTYPE:</b>	Ms IgG1
<b>SPECIFICITY:</b>	Rat PECAM-1(CD31). The antibody gives a positive reaction at high dilutions against recombinant rat PECAM-1, confirming specificity.		
<b>IMMUNOGEN:</b>	Activated, Lewis rat derived microglial cells.		
<b>APPLICATIONS:</b>	Flow Cytometry: 1:10-1:100, use 10 µL per 10 <sup>6</sup> cells in 100 µL Immunohistochemistry, frozen sections fixed with absolute methanol (-20°C): 1:10-1:100 ELISA: 1:500 Western Blotting: 1:500 <u>Activated</u> microglial cells are suggested as a positive control. <i>Optimal working dilutions must be determined by end user.</i>		
<b>SPECIES REACTIVITY:</b>	Reacts with rat. Does not work on Human samples. Reactivity with other species has not been determined.		
<b>FORMAT:</b>	Purified IgG prepared by affinity chromatography on protein G.		
<b>PRESENTATION:</b>	Liquid in PBS.		
<b>STORAGE/HANDLING:</b>	Store at 2-8°C or at -20°C in undiluted aliquots for up to 12 months from date of receipt. Avoid repeated freeze/thaw cycles.		
<b>REFERENCES:</b>	Flaris, N.A. et al. (1993). Characterization of microglia and macrophages in the central nervous system of the rat. <i>GLIA</i> . <b>7</b> :34-40.  Male, D. et al. (1995). An interferon inducible molecule on brain endothelium which controls lymphocyte adhesion mediated by integrins. <i>Immunology</i> . <b>84</b> :453-460.  Livant, D.L. et al. (2000). Anti-invasive, antitumorigenic and antimetastatic activities of the PHSCN sequence in prostate carcinoma. <i>Cancer Research</i> . <b>60</b> :309-320.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

*For research use only; not for use as a diagnostic.*

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