

VAP-1 Monoclonal Antibody (TK8-18), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	TK8-18
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2-7.4
Contains	no preservative
Storage conditions	-20°C
RRID	AB_10596662

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	-
ELISA (ELISA)	Assay-Dependent	-

Product Specific Information

Description: Lymphocyte binding to vascular endothelium is a prerequisite for the move-ment of immune cells from the blood into lymphoid tissues and into sites ofinflammation. Under inflammatory conditions, cell surface expression ofVAP-1 (vascular adhesion protein-1) which is an endothelial sialoglycoprotein,is induced. VAP-1 is a type II transmembrane protein of 84.6 kDa with a singletransmembrane domain and N and O-glycosylation sites in the extracellulardomain. In vivo, VAP-1 exists predominantly as a 180 kDa homodimer andfunctions both as an enzyme (monoamine oxidase) and an adhesion moleculefor lymphocytes.

Applications Tested: ELISA, Western Blotting.

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