

Datasheet: 4109-0004

Description:	MOUSE ANTI HUMAN ENDOTHELIAL CELLS (VEIN ASSOCIATED ANTIGEN)
Specificity:	ENDOTHELIAL CELLS (VEIN ASSOCIATED ANTIGEN)
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	PAL-E
Isotype:	IgG2a
Quantity:	0.5 ml

Product Details

RRID AB_620135

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			1/10 - 1/20
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/5 - 1/20

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species Human

Species Cross Reactivity Reacts with: Goat, Rabbit, Pig
N.B. Antibody reactivity and working conditions may vary between species.

Product Form Tissue Culture Supernatant - liquid

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Immunogen Cell suspensions of freshly obtained human lymph node metastases of melanoma.

Fusion Partners Spleen cells from immunized mice were fused with cells from the SP2/0 myeloma cell line.

Specificity **Mouse anti Human endothlium antibody, clone PAL-E** recognizes an antigen associated with venous endothelial cells.

Mouse anti Human endothlium antibody, clone PAL-E preferentially stains endothelial cells in

medium and small veins, venules and capillaries in all organs. Negative, or weak staining is observed in large veins, arterioles and arteries. Lymphatic endothelium is also negative.

Histology Positive Control Tissue Endothelium.

References

1. Strohal, R. *et al.* (1991) Localized vs generalized pyogenic granuloma. A clinicopathologic study. [Arch Dermatol. 127 \(6\): 856-61.](#)
2. Annessi, G. *et al.* (1992) Multinucleate cell angiohistiocytoma. [Am J Dermatopathol. 14 \(4\): 340-4.](#)
3. Rappersberger K *et al.* (1990) Endemic Kaposi's sarcoma in human immunodeficiency virus type 1-seronegative persons: demonstration of retrovirus-like particles in cutaneous lesions. [J Invest Dermatol. 95 \(4\): 371-81.](#)

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10053 available at:
10053: <https://www.bio-rad-antibodies.com/uploads/MSDS/10053.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Human Anti Mouse IgG2a (HCA037...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®549](#),
[DyLight®649](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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