

**EPCAM Antibody (clone VU-1D9, PE) LS-C112552**

<b>Catalog ID / Lot ID:</b>	LS-C112552
<b>Target:</b>	EPCAM
<b>Synonyms:</b>	EPCAM, 323/A3, ACSTD1, 17-1A, CD326, EGP, EGP34, Epithelial glycoprotein, GA733-2, HNPCC8, Ep-CAM, ESA, HEGP314, KS 1/4 antigen, KS1/4, KSA, M1S2, MIC18, MK-1, MH99, TROP1, TACST-1, TACSTD1, CD326 antigen, CO-17A, DIAR5, EGP-2, EGP314, EGP40, Epithelial glycoprotein 314, HEA125, Ly74, M4S1
<b>Host</b>	EPCAM antibody was produced in Mouse
<b>Clonality:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Clone Name:</b>	VU-1D9
<b>Conjugations:</b>	Phycoerythrin (PE)
<b>Immunogen Species:</b>	EPCAM antibody was raised against Human
<b>Antigen Type:</b>	Cells
<b>Immunogen:</b>	EPCAM antibody was raised against small cell lung carcinoma cell line H69.
<b>Specificity:</b>	The mouse monoclonal antibody VU-1D9 recognizes an epitope within EGF-like domain I of CD326 / EpCAM, a marker of epithelial lineages. This antibody strongly stains various normal epithelial cells and carcinomas.
<b>Reactivity:</b>	Human
<b>Purification:</b>	Size exclusion chromatography
<b>Presentation:</b>	PBS, 15mM sodium azide
<b>Recommended Storage:</b>	Store at 2°C to 8°C. Do not freeze. Avoid prolonged exposure to light.
<b>Usage Summary:</b>	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.
<b>Uses:</b>	IHC - Frozen Flow Cytometry (optimal dilution to be determined by the researcher)
<b>Size:</b>	100 Tests

**Relevant Publications**

 PubMed: [26853786](#)

An improved method for isolation of epithelial and stromal cells from the human endometrium. Masuda A, Katoh N, Nakabayashi K, Kato K, Sonoda K, Kitade M, Takeda S, Hata K, Tomikawa J. The Journal of reproduction and development. 2016 62:213-8. [https://www.jstage.jst.go.jp/article/jrd/62/2/62\\_2015-137/\\_article](https://www.jstage.jst.go.jp/article/jrd/62/2/62_2015-137/_article).

Flo; Human

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 10/22/2021

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**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. We recommend briefly centrifuging the vial to dislodge any liquid in the container's cap prior to opening.

**Warning:** This reagent may contain sodium azide. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Standard Laboratory Practices should be followed. Avoid skin and eye contact, inhalation, and ingestion. Sodium azide forms hydrazoic acid under acidic conditions and may react with lead or copper plumbing to form highly explosive metal azides. On disposal, flush with large volumes of water to prevent accumulation.

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**Disclaimer:** Due to the highly specific nature of antibodies and antigens, we cannot predict or be held responsible with respect to how this antibody will behave in your system. Researchers using this antibody should conduct optimization studies to achieve the most optimal result possible for their intended application.