


# Anti-Human CD326 (VU-ID9) (EpCAM)



PURE	326PU-O1MG	100 µg	
APC	326A-100T	100 test	

## 1. PRODUCT DESCRIPTION

- **Clone:** VU-ID9;
- **Isotype:** Mouse IgG1, kappa;
- **Tested application:** flow cytometry;
- **Immunogen:** The anti-monoclonal antibody derives from Human small cell lung carcinoma cell line NCI-H69;
- **Species reactivity:** Human;
- **Storage instruction:** store in the dark at 2-8 °C;
- **Storage buffer:** aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN<sub>3</sub>);
- **Recommended usage:** Immunostep's CD326, clone VU-ID9 is a monoclonal antibody intended for:
  - Flow cytometry immunophenotyping: identification and enumeration of EpCAM antigen. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10<sup>6</sup> cells.
  - Exosomes detection: these products are effective for detection of exosomes in combination with #ExoStep Kit and #capture beads. For this application it will could be necessary to assay with different quantities;
- **Presentation:** liquid;
- **Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- **Purification:** Affinity chromatography;
- **Other names:** Ep-CAM, tumor associated calcium signal transducer 1, epithelial cell surface antigen, epithelial glycoprotein 2, EGP2, adenocarcinoma associated antigen;
- **Gene ID:** 4072;
- **Molecular weight:** 40 kDa.

## 2. ANTIGEN DETAILS

**Large description:** CD326 is a protein highly expressed in bone marrow, colon, lung, and most normal epithelial cells. It is expressed on carcinomas of gastrointestinal origin. Recently, it has been reported that CD326 expression occurs during the early steps of erythropoiesis. CD326 antigen is an immunotherapeutic target for the treatment of human carcinomas.<sup>(1, 2)</sup>

## 3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

## 4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

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## 5. REFERENCES

1. Munz M, Kieu C, Mack B, Schmitt B, Zeidler R, Gires O. The carcinoma-associated antigen EpCAM upregulates c-myc and induces cell proliferation. *Oncogene* 2004 Jul 29;23(34):5748-58.
2. Rao CG, Chianese D, Doyle GV, Miller MC, Russell T, Sanders RA, Jr., et al. Expression of epithelial cell adhesion molecule in carcinoma cells present in blood and primary and metastatic tumors. *Int J Oncol* 2005 Jul;27(1):49-57.

## 6. EXPLANATION OF SYMBOLS



Fluorochrome



Product reference



Content for <n> analysis



Regulatory Status



Research Use Only



Manufacturer

## 7. MANUFACTURED BY: IMMUNOSTEP S.L.



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