

## Mouse anti-Human CD326 Monoclonal Antibody | anti-CD326 antibody

Anti-Hu CD326 PE

|                               |                      |                            |                                                         |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA128321</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

CD326; Monoclonal Antibody; Anti-Hu CD326 PE; epithelial cell adhesion molecule; EPCAM; Ep-CAM; GA733-2; EGP314; KSA; KS 1/4 antigen; Trop-1; M4S1; DIAR5; MIC18; TROP1; anti-CD326 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                  |
| Reactivity                                      | Human                                                                                                                                                                  |
| Clonality                                       | Monoclonal                                                                                                                                                             |
| Isotype                                         | IgG1                                                                                                                                                                   |
| Clone Number                                    | 323/A3                                                                                                                                                                 |
| Specificity                                     | The mouse monoclonal antibody 323/A3 recognizes an extracellular epitope of CD326 / EpCAM, a marker of epithelial lineages, that is over-expressed in many carcinomas. |
| Purity/Purification                             | The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.                    |
| Form/Format                                     | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide                                                                                     |
| Sequence Length                                 | 314                                                                                                                                                                    |
| Applicable Applications for anti-CD326 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                              |
| Immunogen                                       | Human breast cancer MCF-7 cells                                                                                                                                        |
| Negative Species                                | Rat                                                                                                                                                                    |
| Conjugation                                     | PE                                                                                                                                                                     |
| Preparation and Storage                         | Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.                                                                                   |

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Related Product Information for anti-CD326 antibody | CD326 / EpCAM (also known as ESA, EGP40, EGP-2, KSA1/4, CO17-1A, GA733-2, MOC31, Ber-EP4) is a 40 kDa transmembrane glycoprotein serving as adhesion molecule in the basolateral membranes in a variety of epithelial cells. CD326 mediates calcium-independent homotypic cell-cell adhesions. CD326 over-expression has been detected in many epithelial tumours and is often associated with bad prognosis. It has been used for identification of (pre-) malignancies at early stages. |
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### NCBI AND UNIPROT INFORMATION

|                  |                             |
|------------------|-----------------------------|
| NCBI GI #        | <a href="#">218505670</a>   |
| NCBI GeneID      | <a href="#">4072</a>        |
| NCBI Accession # | <a href="#">NP_002345.2</a> |

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NP_002345.2</a>                                                             |
| UniProt Accession #              | <a href="#">P16422</a>                                                                  |
| NCBI Official Full Name          | epithelial cell adhesion molecule                                                       |
| NCBI Official Synonym Full Names | epithelial cell adhesion molecule                                                       |
| NCBI Official Symbol             | EPCAM                                                                                   |
| NCBI Official Synonym Symbols    | ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1 |
| NCBI Protein Information         | epithelial cell adhesion molecule                                                       |
| UniProt Protein Name             | Epithelial cell adhesion molecule                                                       |
| UniProt Gene Name                | <b>EPCAM</b>                                                                            |
| UniProt Synonym Gene Names       | GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314                |
| UniProt Entry Name               | EPCAM_HUMAN                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd326-antibody-clone-323-a3-flow-cytometry-elisa/128321>