9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2583: Anti-Human CD326 APC (Clone : 323/A3)

Clonality :	Monoclonal
Clone Name :	323/A3
Application :	FACS
Reactivity :	Human
Conjugate :	APC
Gene :	EPCAM
Gene ID :	4072
Alternative Name :	EPCAM, GA733-2, EGP314, KSA, KS 1/4 antigen, Trop-1, M4S1, DIAR5, MIC18, TROP1,epithelial cell adhesion molecule
Isotype :	Mouse IgG1
Immunogen Information :	Human breast cancer MCF-7 cells

Description

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 diagnostics of (pre-) malignancies at early stages.
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.

Product Info

Amount :	100 tests
Purification :	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Content :	Formulation : Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 ÃÂµl reagent / 100 ÃÂµl of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

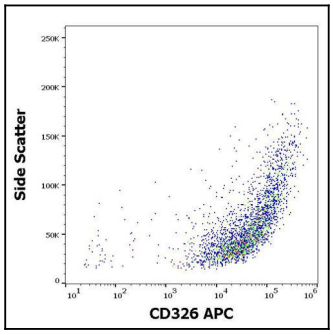

Figure 1 : Flow cytometry surface staining pattern of MCF-7 cell suspension stained using anti-human CD326 (323/A3) APC antibody (10 µl reagent per million cells in 100 µl of cell suspension).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

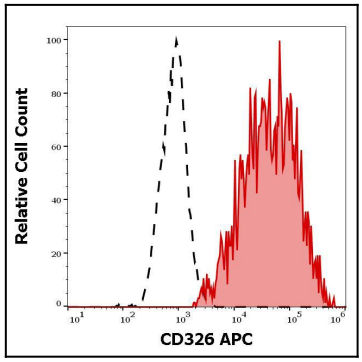

Figure 2 : Separation of MCF-7 cells (red-filled) from SP2 cells (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD326 (323/A3) APC antibody (10 µl reagent per million cells in 100 µl of cell suspension).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.