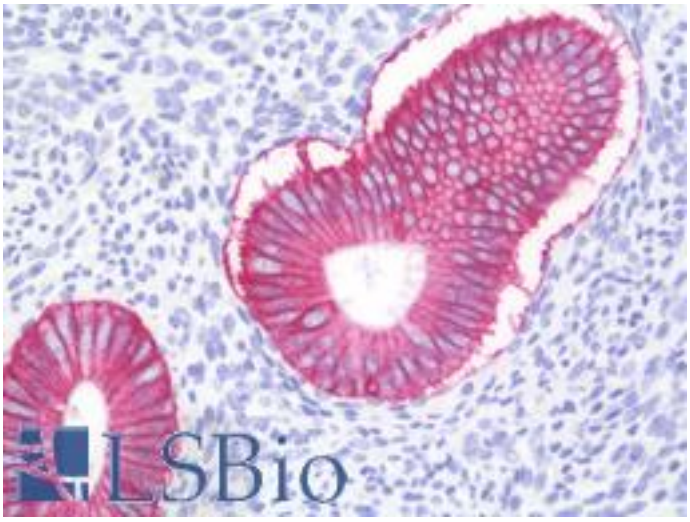
LSBio
LifeSpan BioSciences, Inc.

ESA / EPCAM Mouse anti-Human Monoclonal (HEA125) Antibody - LS-B9810 - LSBio

CatalogID:	LS-B9810
Validation:	This antibody replaces catalog number LS-C11665. It has been validated for use in the following assays: IHC-P.
Target:	epithelial cell adhesion molecule (EPCAM)
Synonyms:	EPCAM Antibody, 323/A3 Antibody, ACSTD1 Antibody, 17-1A Antibody, CD326 Antibody, EGP Antibody, EGP34 Antibody, Epithelial glycoprotein Antibody, GA733 -2 Antibody, HNPCC8 Antibody, Ep-CAM Antibody, ESA Antibody, HEGP314 Antibody, KS 1/4 antigen Antibody, KS1/4 Antibody, KSA Antibody, M1S2 Antibody, MIC18 Antibody, MK-1 Antibody, MH99 Antibody, TROP1 Antibody, TACST-1 Antibody, TACSTD1 Antibody, CD326 antigen Antibody, CO-17A Antibody, DIAR5 Antibody, EGP-2 Antibody, EGP314 Antibody, EGP40 Antibody, Epithelial glycoprotein 314 Antibody, HEA125 Antibody, Ly74 Antibody, M4S1 Antibody, MOC31 Antibody
Host	EPCAM antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	HEA125
Immunogen Species:	ESA / EPCAM antibody was raised against Human
Antigen Type:	Cells
Immunogen:	ESA / EPCAM antibody was raised against hT29 carcinoma cell line.
Specificity:	Recognizes the 34kD cell surface antigen known as CD326 or Epithelial Cell Adhesion Molecule (Ep-CAM). This antigen has been identified independently by a number of groups, and it has been known by a variety of names including Epithelial Specific Antigen, MOC31 and Ber-EP4. Several monoclonal antibodies have been raised against Ep-CAM, many of which have been described as tumor specific molecules on carcinomas. Ep-CAM is a Type 1 transmembrane glycoprotein. It is expressed on the basolateral membrane of cells by the majority of epithelial tissues, with the exception of adult squamous epithelium and some specific epithelial cell types including hepatocytes and gastric epithelial cells. Ep-CAM expression has been reported to be a possible marker of early malignancy, with expression being increased in tumor cells, and de novo expression being seen in dysplastic squamous epithelium
Reactivity:	Human
Purification:	Purified IgG
Presentation:	PBS, pH 7.3, 0.09% sodium azide, 0.5% BSA.
Recommended Storage:	Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.
Usage Summary:	Flow Cytometry: Use 5 ul of the suggested working dilution to label 10^6 cells or 100 ul cell suspension. Immunohistochemistry: This product requires protein digestion pre-treatment of paraffin sections e. g. 0.1% pronase, 10 minutes. Histology Positive Control Tissue: Human colon & appendix.
Uses:	IHC - Paraffin (1:50), IHC - Frozen (1:20), Flow Cytometry (1:1) (Optimal dilution to be determined by the researcher)
Size:	50 µg

Concentration:	0.1 mg/ml

Immunohistochemistry Image:



Human Uterus, Endometrium: Formalin-Fixed, Paraffin-Embedded (FFPE)

Requested From:	Japan