

Human Ep-CAM/CD326 Antibody Pair Set

Catalog No.	E-KAB-0422	Applications	ELISA
Synonyms	DIAR5;EGP-2;EGP314;EGP4;EPCAM;ESA;Epithelial cell adhesion molecule;HNPC8;KS1/4;KSA;M4S1;MIC18;MK-1;TACSTD1;TROP1		

Kit components & Storage

Title	Specifications	Storage
Human Ep-CAM/CD326 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human Ep-CAM/CD326 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

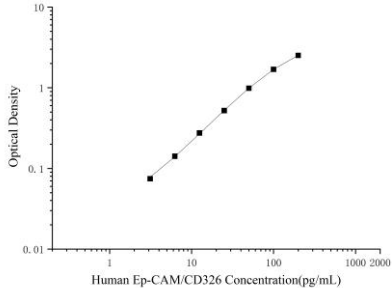
Product Information

Items		Characteristic (E-KAB-0422)	
		Human Ep-CAM/CD326 Capture Antibody	Human Ep-CAM/CD326 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human Ep-CAM/CD326 protien	Recombinant Human Ep-CAM/CD326 protien
	Swissprot	P16422	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human Ep-CAM/CD326 in ELISAs.	

For Research Use Only

Applications

Human Ep-CAM/CD326 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human Ep-CAM/CD326 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Human Ep-CAM/CD326 Concentration(pg/mL)' and ranges from 0.01 to 2000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a straight line with a positive slope, indicating a linear relationship between the concentration of the antigen and the optical density measured.</p>
ELISA Detection	1:1000-1:10000	Human Ep-CAM/CD326 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5 , MYC and cyclins A and E.