

Mouse anti-CD326, clone HEA-125 (Monoclonal)

Clone no. HEA-125

MONOSAN

Product name	Mouse anti-CD326, clone HEA-125 (Monoclonal)
Host	Mouse
Applications	IHC-P,IF,FC,IHC-fr
Species reactivity	human
Conjugate	Purified
Immunogen	HT29 carcinoma cell line.
Isotype	IgG1
Clonality	Monoclonal
Clone number	HEA-125
Size	0.1 mg
Concentration	0.1 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide and 0.5% BSA
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti human CD236 antibody, clone HEA-125 recognizes CD326 also known as Adenocarcinoma-associated antigen, Epithelial glycoprotein 314 or Epithelial Cell Adhesion Molecule (Ep-CAM). CD326 is a 314 amino acid ~34 kDa single pass type I transmembrane glycoprotein nearing a single thyroglobulin type-1 domain (UniProt: P16422).CD326 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.CD326 expression has been reported to be a possible marker of early malignancy, with expression being increased in tumour cells (Balzar et al. 1999), and de novo expression being seen in dysplastic squamous epithelium (Winter et al. 2003). CD326 has been identified independently by a number of groups, and it has been known by a variety of names including Epithelial Specific Antigen, MOC31 (Proca et al. 2000) and Ber-EP4 (Patriarca et al. 2012).

References

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