

## Monkey CD326-hlgG1

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| Cat No.:      | 03-01-2151                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Name: | Monkey CD326-hlgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Description:  | <p>EPCAM acts 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. EpCAM may also play a role in epithelial mesenchymal transition (EMT) in tumors, although its exact effects are poorly understood. Its ability to suppress E-cadherin suggests that EpCAM would promote EMT and tumor metastasis, but its homotypic cell adhesion properties can counteract its ability to suppress E-cadherin. Edrecolomab, catumaxomab and other monoclonal antibodies are designed to bind to it.</p> |
| Type:         | Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Property:     | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source:       | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Genbank No.:  | Q1WER1 ( aa.24-265)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications: | ELISA, WB, Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formulation:  | Each vial contains 50ug purified protein(1mg/ml) in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



PBS(pH7.4).

Purity: >95%

Storage: Store at -80°C, Avoid freeze / thaw cycle.

Limitation: For research use only, not for use in diagnostic procedures.