Immunoway
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CD326/EPCAM (PN0560) Nb-FC recombinant antibody

Catalog No :   YA0299

Reactivity :   Human

Applications :   ELISA

Target :   CD326/EPCAM

Gene Name :   EPCAM GA733-2 M1S2 M4S1 MIC18 TACSTD1 TROP1

Protein Name :   Epithelial cell adhesion molecule (Ep-CAM) (Adenocarcinoma-associated antigen) (Cell surface glycoprotein Trop-1) (Epithelial cell surface antigen) (Epithelial glycoprotein) (EGP) (Epithelial glycopro

Human Gene Id :   4072

Human Swiss Prot No :   P16422

Immunogen :   Purified recombinant Human CD326

Specificity :   This recombinant monoclonal antibody can detects endogenous levels of CD326/EPCAM protein.

Formulation :   Phosphate-buffered solution

Source :   Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Dilution :   ELISA 1:5000-100000

Purification :   Recombinant Expression and Affinity purified

Concentration :   Please check the information on the tube

Storage Stability :   -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Background :   This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins.This antigen is expressed on

most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations inThis gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008]

Subcellular Location :   Lateral cell membrane ; Single-pass type I membrane protein . Cell junction, tight junction . Colocalizes with CLDN7 at the lateral cell membrane and tight junction. .

Expression :   Highly and selectively expressed by undifferentiated rather than differentiated embryonic stem cells (ESC). Levels rapidly diminish as soon as ESC's differentiate (at protein levels). Expressed in almost all epithelial cell membranes but not on mesodermal or neural cell membranes. Found on the surface of adenocarcinoma.

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