Datasheet for ABIN7489027

EpCAM Protein (Biotin,His-Avi Tag)

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Overview

Quantity:	200 µg
Target:	EpCAM (EPCAM)
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EpCAM protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Rhesus macaque EpCAM / TROP1 Protein, His,Avitag™ (MALS verified)
Sequence:	Gln 24 - Lys 265
Characteristics:	Biotinylated Rhesus macaque EpCAM / TROP1 Protein, His,Avitag is expressed from human 293 cells (HEK293). It contains AA Gln 24 - Lys 265 (Accession # Q1WER1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	EpCAM is also known as CO171A, EGP, EGP40,GA7332, KSA, M4S, MIC18, MK1, TROP1,

Target Details

	hEGP2, and is a pan-epithelial differentiation antigen that is expressed on almost all carcinomas as 17-1A(mAb) antigen. Its constitutional function is being elucidated. It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signaling and polarity. The epithelial cell adhesion molecule (Ep-CAM) is known to express in most epithelial malignancies and was reported as a tumor marker or a candidate of molecular targeting therapy. Ep-CAM cross signaling with N-cadherin involves Pi3K, resulting in the abrogation of the cadherin adhesion complexes in epithelial cells was reported. And Epithelial cell adhesion molecule (Ep-CAM) recently received increased attention as a prognostic factor in breast cancer.
Molecular Weight:	31 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,10xHis , Avi) The protein has a calculated MW of 31 kDa. The protein migrates as 37-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C