Datasheet for ABIN7013578

EpCAM Protein (AA 24-265) (mFc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	EpCAM (EPCAM)
Protein Characteristics:	AA 24-265
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EpCAM protein is labelled with mFc Tag.

Product Details

Characteristics:	Human EpCAM / TROP1 Protein, Mouse IgG2a Fc Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

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, 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

Target Details

	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:	54.3 kDa

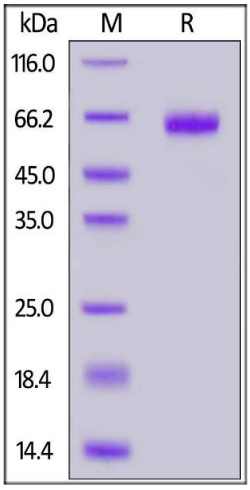
Application Details

Restrictions:	For Research Use only

Handling

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

Images



SDS-PAGE

Image 1. Human EpCAM, Mouse IgG2a Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .