

Datasheet for ABIN7607345

**EpCAM Protein (AA 24-265) (His tag)**[Go to Product page](#)

## Overview

|                               |                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------|
| Quantity:                     | 50 µg                                                                               |
| Target:                       | EpCAM (EPCAM)                                                                       |
| Protein Characteristics:      | AA 24-265                                                                           |
| Origin:                       | Human                                                                               |
| Source:                       | Mammalian Cells                                                                     |
| Protein Type:                 | Recombinant                                                                         |
| Biological Activity:          | Active                                                                              |
| Purification tag / Conjugate: | This EpCAM protein is labelled with His tag.                                        |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA) |

## Product Details

|                              |                                                                                                                                                                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:                     | Recombinant Human CD326/EPCAM Protein, C-His (Active)                                                                                                                                                                                                                                       |
| Purity:                      | >90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                            |
| Endotoxin Level:             | <0.1 EU/µg of the protein by the LAL method.                                                                                                                                                                                                                                                |
| Biological Activity Comment: | Measured by the ability of the immobilized protein to support the adhesion of mouse embryonic fibroblast cells (NIH-3T3). When cells are added to CD326/EPCAM (Cat #: AHD17401) coated plates (1.25µg/mL, 100µL/well), approximately >30% will adhere specifically after 30 minutes at 37°C |

## Target Details

|         |               |
|---------|---------------|
| Target: | EpCAM (EPCAM) |
|---------|---------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Epithelial glycoprotein 314 ( <a href="#">EPCAM Products</a> )                                                                                                                                                                                                                                                                                                                                                    |
| Background:       | Epithelial glycoprotein 314, hEGP314, Major gastrointestinal tumor-associated protein GA733-2, EGP314, TACSTD1, Adenocarcinoma-associated antigen, TROP1, EPCAM, Epithelial glycoprotein, KS 1/4 antigen, Tumor-associated calcium signal transducer 1, M4S1, CD326, Ep-CAM, EGP, Epithelial cell adhesion molecule, M1S2, KSA, Cell surface glycoprotein Trop-1, GA733-2, Epithelial cell surface antigen, MIC18 |
| UniProt:          | <a href="#">P16422</a>                                                                                                                                                                                                                                                                                                                                                                                            |

## Application Details

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|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                           |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.                                                                                               |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                                    |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
| Expiry Date:     | 12 months                                                                                                                                                             |