

Recombinant Rat Epcam Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Epcam-7481RAF647 **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Alexa Fluor 647 conjugated recombinant Rat Epcam (O55159) (Met1-Thr266), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 484 |
| Form | Lyophilized |
| Molecular Mass | The recombinant rat EPCAM/Fc is a disulfide-linked homodimer. The reduced monomer comprises 484 amino acids and has a predicted molecular mass of 54.8 kDa. The apparent molecular mass of the protein is approximately 61 and 37 kDa in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|-----------------------|---|
| Storage | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | Alexa Fluor 647 |

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | Epcam epithelial cell adhesion molecule [Rattus norvegicus] |
| Official Symbol | Epcam |
| Gene ID | 171577 |
| mRNA Refseq | NM_138541 |
| Protein Refseq | NP_612550 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA