

# Recombinant Monkey EPCAM Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** EPCAM-186CAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the Monkey EPCAM [(Identical to the rhesus EPCAM (NP_001035118.1)] (Met1-Lys265) (Alexa Fluor 488 conjugated) was expressed with the Fc region of human IgG1 at the C-terminus.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys265 480
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant cynomolgus EPCAM comprises 480 amino acids and has a calculated molecular mass of 54.1 kDa. The apparent molecular mass of the protein is approximately 58 kDa in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH7.4.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	EPCAMepithelial cell adhesion molecule [Macaca mulatta(Rhesus monkey) ]
<b>Official Symbol</b>	EPCAM
<b>Synonyms</b>	EPCAM; Ep-CAM; TACSTD1; epithelial cell adhesion molecule; tumor-associated calcium signal transducer 1
<b>Gene ID</b>	677680
<b>mRNA Refseq</b>	NM_001040029
<b>Protein Refseq</b>	NP_001035118
<b>UniProt ID</b>	Q1WER1

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