

# Active Recombinant Mouse Cd19 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** Cd19-3308MAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant Mouse Cd19 Protein (Met1-Gly287) is produced by HEK293 Cells expression system. This protein is fused with a His tag at the C-terminal.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly287, 282
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to bind with human CD9-His in a functional ELISA.
<b>Molecular Mass</b>	31 kDa
<b>N-terminal Sequence Analysis</b>	Gly 17
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer

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	Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<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 -20 to -80 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, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
<b>Shipping</b>	Shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	Cd19 CD19 antigen [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Cd19
<b>Synonyms</b>	CD19; CD19 antigen; AW495831;
<b>Gene ID</b>	12478
<b>mRNA Refseq</b>	NM_009844
<b>Protein Refseq</b>	NP_033974

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