

## Active Recombinant Mouse Cd19 protein, His&AVI-tagged, Biotinylated

Cat. No. Cd19-3309MB Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Mouse Cd19 protein(NP_033974.2) (Arg19-Gly287) was expressed in HEK293 with a C-terminal polyhistidine tag followed by an AVI tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg19-Gly287
<b>Form</b>	Sterile PBS, pH 7.4.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.
<b>Bio-activity</b>	The immobilized CD19 antibody, a rabbit monoclonal antibody, is coated at a concentration of 2 µg/mL (100 µL/well) and demonstrates specific binding to recombinant mouse CD19 protein (extracellular domain with His and AVI tags), which is biotinylated. The half-maximal effective concentration (EC50) for this interaction ranges between 5 and 25 ng/mL.
<b>Molecular Mass</b>	It has a predicted molecular mass of 34.31 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 90 % as determined by SDS-PAGE.

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Conjugation Biotin

## GENE INFORMATION

Official Symbol [Cd19](#)

Synonyms CD19; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; AW495831;

Gene ID [12478](#)

mRNA Refseq [NM\\_009844](#)

Protein Refseq [NP\\_033974](#)

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