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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	Arg19-Gly287
Form	Sterile PBS, pH 7.4.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.
Bio-activity	The immobilized CD19 antibody, a rabbit monoclonal antibody, is coated at a concentration of 2 g/mL (100 µ/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.
Molecular Mass	It has a predicted molecular mass of 34.31 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 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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