

Recombinant Mouse CD52 Protein

RPCB1089

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	C-hFc
Reactivity:	Mouse	Expressed Host:	HEK293 cells
Calculated MW:	28.34 kDa	Observed MW:	40-45 kDa

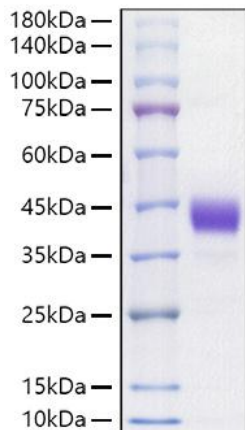
Background

CD52/CDW52 is a small glycosylphosphatidylinositol (GPI) anchored glycoprotein. It has a mature peptide comprising only 12 amino acids and is abundantly expressed on human lymphocytes. From the clinical point of view this protein is an important target for therapeutic interventions aimed at leukocyte depletion in hematological malignancies and post-transplant immunosuppression. CD52 / CDW52 may play a role in carrying and orienting carbohydrate. It is an unusually good target for complement-mediated cell lysis.

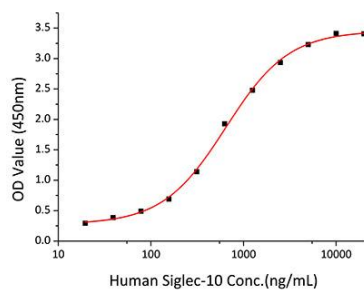
Properties

Synonyms:	CDW52, HE5, CD52, CAMPATH-1 antigen, CD52
Gene ID:	23833
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Mouse CD52 Protein (RPCB1089), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Mouse CD52 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Mouse CD52 at 10 μ g/mL (100 μ L/well) can bind Human Siglec-10 with a linear range of 0.3-642 ng/mL.