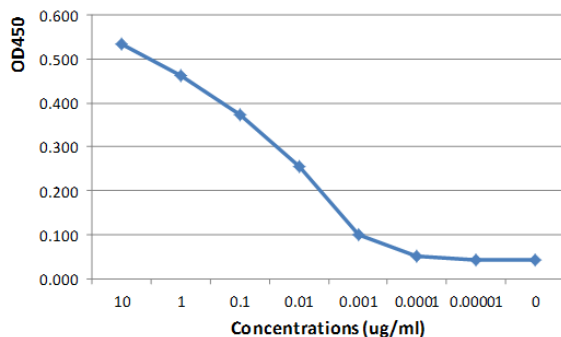


Anti-human CD47 Monoclonal Antibody

Catalog number/Size:	A1006-100	100 µg
	A1006-250	250 µg
	A1006-B	Bulk
Clone number:	D101S5, mouse IgG1	
Formulation:	0.22 µm filtered protein solution in PBS	
Storage:	Stable at 4°C for at least 3 months, or at -20°C for extended storage	
Application:	ELISA, immunoprecipitation(IP), Western blot, immunohistochemistry (IHC), and flow cytometry (FACS). The antibody concentration should be 0.5-10 µg/mL when used as a primary antibody, although users should perform titration for optimal results.	
Product Description:	Mouse monoclonal antibody generated by immunizing mice with human CD47 ECD protein. This antibody detects human CD47 in ELISA as well as in flow cytometry using CHO cells expressing full length human CD47. This antibody is produced from mouse hybridoma culture supernatants and purified to homogeneity by Protein G Affinity Chromatography.	

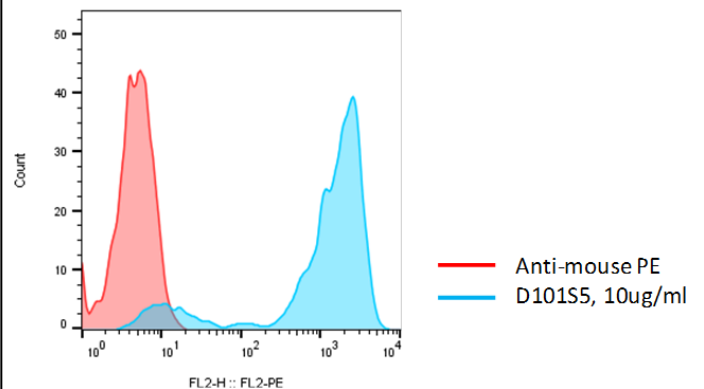
Sample Results:

A: Binding of D101S5 mAb to plate coated with human CD47 protein



Human CD47ECD huFc protein was coated on a 96 well plate at 1 µg/mL. After coating, the plate was blocked with 2% BSA and D101S5 antibody was added at the indicated concentrations. The plate was then incubated at room temperature for 60 min. before adding the HRP conjugated anti-mouse secondary antibody and the HRP substrates. The plate was read at OD450.

B: Binding of D101S5 mAb to full length human CD47 receptor expressed on CHO cells



Full length human CD47 receptor was expressed stably on CHO cells. CHO-huCD47 cells were stained with D101S5 antibody at 10 µg/mL. After incubation, the cells were then stained with a secondary anti-mouse PE antibody and analyzed by flow cytometry.

Disclaimer: For research use only. Not for use in humans.