

CD47 recombinant antibody

Anti-CD47 Reference Antibody (Iemzoparlimab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29403	CHO Cell	Human, Cynomolgus	ELISA, Flow Cytometry, Functional Assay, Functional Assay

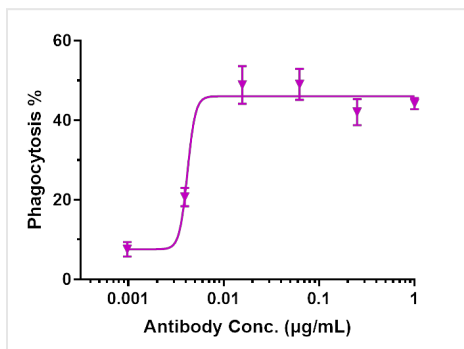
PRODUCT SYNONYMS

CD47; Monoclonal Recombinant Antibody; Anti-CD47 Reference Antibody (Iemzoparlimab); CD47 recombinant antibody

PRODUCT SPECIFICATIONS

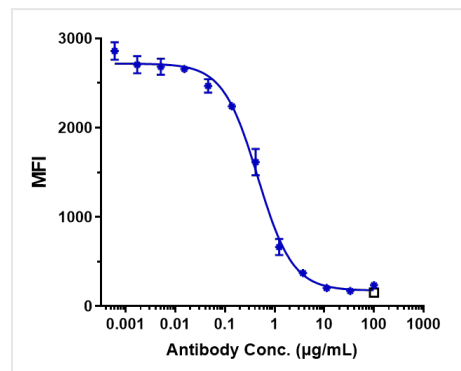
Host	CHO Cell
Reactivity	Human, Cynomolgus
Clonality	Monoclonal
Isotype	IgG4
Specificity	CD47
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD47 recombinant antibody	ELISA, FCM/FACS (Flow Cytometry), FA (Functional Assay), Animal Model
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



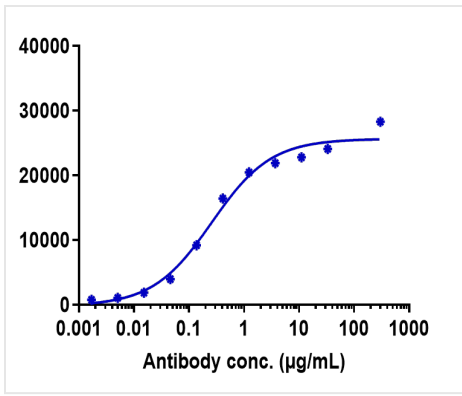
Application Data

The phagocytosis ratio Iemzoparlimab by CCRF-CEM increased with the increase of antibody concentration, and the phagocytosis Rate (%) reached 43%.



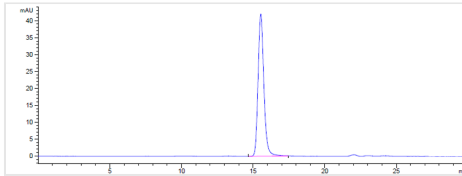
FCM (Flow Cytometry)

Anti-CD47 Reference Antibody (Iemzoparlimab) FACS Blocking was evaluated using CCRF-CEM. The IC50 was approximately 0.4557 µg/mL.



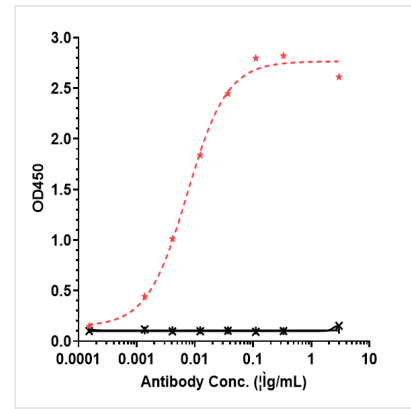
FCM (Flow Cytometry)

PANC-1 cells were stained with Anti-CD47 Reference Antibody (lemzoparlimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC317=0.265 ug/mL



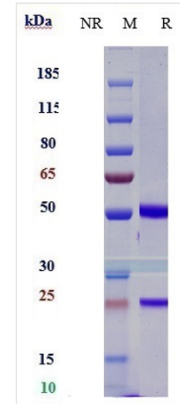
Application Data

The purity of Anti-CD47 Reference Antibody (lemzoparlimab) is more than 100% ,determined by SEC-HPLC.



Application Data

Immobilized Recombinant human CD47(c His) at 1.5 ug/mL can bind Anti-CD47 Reference Antibody (lemzoparlimab), EC50=0.0163ug/mL



SDS-PAGE

Anti-CD47 Reference Antibody (lemzoparlimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for CD47 recombinant antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1171879
NCBI GeneID	961
UniProt Accession #	Q08722; Q53Y71; Q96A60; A8K198; D3DN59
Molecular Weight	323
NCBI Official Full Name	Leukocyte surface antigen CD47
NCBI Official Synonym Full Names	CD47 molecule
NCBI Official Symbol	CD47
NCBI Official Synonym Symbols	IAP; OA3; MER6
NCBI Protein Information	leukocyte surface antigen CD47; CD47 glycoprotein; Rh-related antigen; integrin associated protein; integrin-associated protein; integrin-associated signal transducer; antigenic surface determinant protein OA3; antigen identified by monoclonal antibody 1D
UniProt Protein Name	Leukocyte surface antigen CD47

UniProt Gene Name	CD47
UniProt Synonym Gene Names	MER6; IAP
UniProt Entry Name	CD47_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd47-recombinant-antibody-flow-cytometry-functional-assay-elisa/29403>