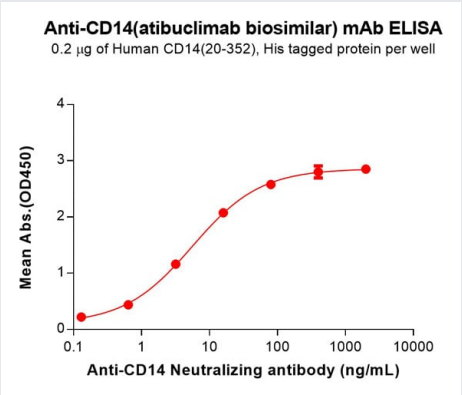
CD14 Antibody

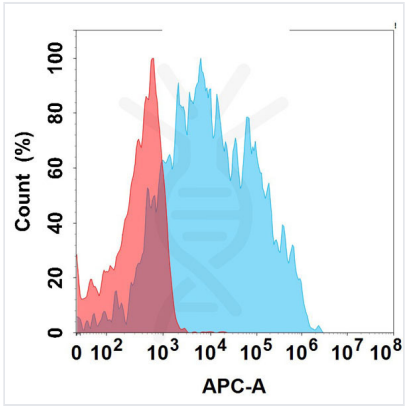
PRODUCT OVERVIEW

Product Name	CD14, Antibody
Full Product Name	Anti-CD14 (atibuclimab biosimilar) mAb
Product Gene Name	anti-CD14 antibody
Product Synonym Names	CD14; IC14
Isotype	IgG4 (P108S)
Host	Chimeric
Species Reactivity	Human
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.
Molecular Weight	53kDa
Chromosome Location	Chromosome: 5; NC_000005.9 (140011313..140013286, complement). Location: 5q31.1
OMIM	158120
3D Structure	ModBase 3D Structure for P08571
Product Categories/Family for anti-CD14 antibody	Biosimilar reference antibodies
Applications Tested/Suitable for anti-CD14 antibody	ELISA (EIA), Flow Cytometry (FC/FACS)
Application Notes for anti-CD14 antibody	ELISA: 1:5000-10000 FC/FACS: 1:100
Related Product Information for anti-CD14 antibody	MBS1880772 is an antibody targeting CD14. Also known as Anti-CD14 (atibuclimab biosimilar) mAb. Reactive in Human. Host: Chimeric.
Other Notes	Small volumes of anti-CD14 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



ELISA (EIA) of anti-CD14 antibody

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human CD14(20-352) Protein, His Tag can Anti-CD14(atibuclimab biosimilar) mAb (MBS1880772) in a linear range of 0.64–80 ng/mL.



Flow Cytometry (FCM/FACS) of anti-CD14 antibody

Figure 2. Flow cytometry analysis with 15ug/mL Anti-CD14(atibuclimab biosimilar) mAb (MBS1880772) on Expi293 cells transfected with Human CD14 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD14. It may not necessarily be applicable to this product.

NCBI GI #	4557417
NCBI GeneID	929
NCBI Accession #	NP_000582.1
UniProt Primary Accession #	P08571
UniProt Secondary Accession #	Q53XT5; Q96FR6; Q96L99; Q9UNS3
UniProt Related Accession #	P08571
GenBank Nucleotide #	NM_000591.3
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 molecule
NCBI Official Symbol	CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Synonym Protein Names	Myeloid cell-specific leucine-rich glycoprotein
Protein Family	Monocyte differentiation antigen
UniProt Gene Name	CD14
UniProt Entry Name	CD14_HUMAN
NCBI Protein Information	monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/human-antibody/cd14/1880772