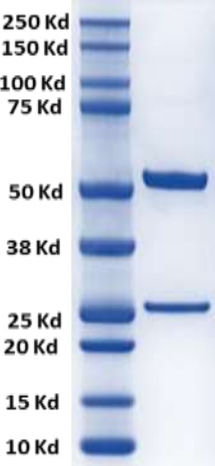




CAMBRIDGE BIO

Provider of Quality Products for Life Science

May 15, 2023

Product Name	Anti-E2 (CHIKV) (5M16)
Catalog No	01-10-0105
Source	Human monoclonal antibody
Isotype	IgG1
Formulation	Each vial contains 100 µg purified IgG in PBS (pH7.4) (1 mg/ml)
Immunogen	CHIKV virus
Applications	Neut., ELISA, IP, IF
Epitope	Ref: Feng Long, et al. Cryo-EM structures elucidate neutralizing mechanisms of anti-chikungunya human monoclonal antibodies with therapeutic activity. <i>PNAS</i> . 2015 Nov 10;112(45):13898-903. doi: 10.1073/pnas.1515558112. Epub 2015 Oct 26.
Specificity	Reacts specifically with E2 (CHIKV). 5M16 binds primarily to sites within the A and B domains, as well as to the B domain's β -ribbon connector of the viral glycoprotein E2.
Storage	Store at 4°C, stable for 1 month from the date of shipment. For long term storage, aliquot, and freeze at -80°C. Non-hazardous. No MSDS required.
Use Limitation	For research use only, not for use in diagnostic procedures.
	SDS PAGE of Anti-E2 (CHIKV) (5M16)

For question or inquiry please call: 1-888-520-2246, or email at: info@cambridgebiologics.com