

DENV-1/2/3/4 Envelope protein E/DII-FL region Monoclonal Antibody | anti-DENV-1/2/3/4 antibody

InVivoMAb Anti-DENV-1/2/3/4 Envelope protein E/DII-FL region Antibody (1C19)

CATALOG #	REACTIVITY	APPLICATIONS
AAA120699	Dengue virus type 1 (strain Nauru/West Pac/1974)(DENV-1), Dengue virus type 2 (strain Jamaica/1409/1983)(DENV-2), Dengue virus type 3 (strain Philippines/H87/1956)(DENV-3), Dengue virus type 4 (strain Dominica/814669/1981)(DENV-4)	Neutralization Assay, ELISA

PRODUCT SYNONYMS

DENV-1/2/3/4 Envelope protein E/DII-FL region; Monoclonal Antibody; InVivoMAb Anti-DENV-1/2/3/4 Envelope protein E/DII-FL region Antibody (1C19); Genome polyprotein; Envelope protein E; DII-FL region; Dengue virus type 1 (strain Nauru/West Pac/1974)(DENV-1); Dengue virus type 2 (strain Jamaica/1409/1983)(DENV-2); Dengue virus type 3 (strain Philippines/H87/1956)(DENV-3); Dengue virus type 4 (strain Dominica/814669/1981)(DENV-4); anti-DENV-1/2/3/4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Dengue virus type 1 (strain Nauru/West Pac/1974)(DENV-1), Dengue virus type 2 (strain Jamaica/1409/1983)(DENV-2), Dengue virus type 3 (strain Philippines/H87/1956)(DENV-3), Dengue virus type 4 (strain Dominica/814669/1981)(DENV-4)
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	1C19
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DENV-1/2/3/4 antibody	NTRL (Neutralization Assay), ELISA
Host Species	Human
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DENV-1/2/3/4 antibody	Invivo Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9626686
NCBI GeneID	5075725
NCBI Accession #	NP_059433.1
NCBI GenBank Nucleotide #	NC_001477.1
UniProt Accession #	P17763; P07564; P27915; P09866

Molecular Weight	378,702 Da
NCBI Official Full Name	flavivirus polyprotein
NCBI Official Symbol	flavivirus polyprotein gene
NCBI Protein Information	flavivirus polyprotein; anchored capsid protein C; membrane glycoprotein precursor M; membrane glycoprotein M; envelope protein E; nonstructural protein NS1; nonstructural protein NS2A; nonstructural protein NS2B; nonstructural protein NS3; nonstructural
UniProt Protein Name	Genome polyprotein
UniProt Gene Name	NS4A
UniProt Synonym Gene Names	NS4B

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/denv-1-2-3-4-envelope-protein-e-dii-fl-region-antibody-clone-1c19-neutralization-assay-elisa/120699>