

Flavivirus group antigen Recombinant Antibody

Anti-Flavivirus group antigen [D1-4G2-4-15 (4G2)]

CATALOG # AAA71943	REACTIVITY Dengue Virus, Flaviviridae, West Nile Virus, Yellow Fever Virus, Zika Virus	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, ELISA, Western Blot, Neutralization Assay, Immunohistochemistry
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PRODUCT SYNONYMS

Flavivirus group antigen; Anti-Flavivirus group antigen [D1-4G2-4-15 (4G2)]; Protein E; Envelope Protein; Flavivirus group antigen recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Dengue Virus, Flaviviridae, West Nile Virus, Yellow Fever Virus, Zika Virus
Isotype	Mouse IgGc2a, kappa
Clone Number	D1-4G2-4-15 (4G2)
Specificity	Recognizes flavivirus group specific antigens (Dengue virus, West Nile Virus, Japanese Encephalitis, Yellow Fever Virus, Zika virus etc). It binds to the fusion loop at the extremity of domain II of protein E.
Purity/Purification	Protein A Affinity Purified
Form/Format	PBS only with 0.02% Proclin 300.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for Flavivirus group antigen recombinant antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot), NTRL (Neutralization Assay), IHC (Immunohistochemistry)
Immunogen	Dengue Virus type 2 antigens
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

ADDITIONAL INFORMATION

Product Categories/Family for Flavivirus group antigen recombinant antibody	Infectious diseases; Virus
References	Nawa et al. Development of dengue IgM-capture enzyme-linked immunosorbent assay with higher sensitivity using monoclonal detection antibody. J Virol Methods PMID:11164919

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/dengue-zika-recombinant-antibody/flavivirus-group-antigen/71943>