

## Flavivirus group antibody [D1-4G2-4-15 (4G2)]

## Cat. No. GTX57154

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, ELISA
Reactivity	Flavivirus

References ( 25 )

Package

100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
ELISA	Assay dependent

**Note : Binding of this antibody has been reported to be sensitive to reduction and Western Blots should be performed under non-reducing conditions.(Lai et al. 2008)**

Not tested in other applications.

**Product Note** Recognises 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.

## Properties

Form	Liquid
Buffer	PBS
Preservative	0.02% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Dengue Virus type 2 antigens.
Purification	Protein A affinity purified



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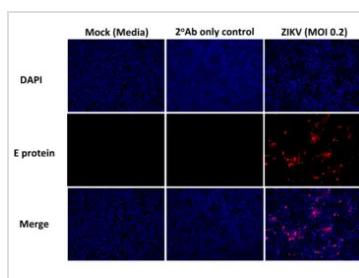
**Conjugation**

Unconjugated

**Note**

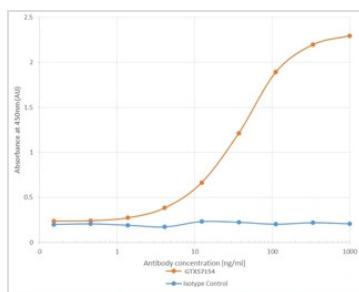
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**DATA IMAGES****GTX57154 ICC/IF Image**

ICC/IF analysis of 4% PFA-fixed Vero cells infected with ZIKV after 30h infection using GTX57154 Flavivirus group antibody [D1-4G2-4-15 (4G2)]. Staining was performed in 0.3% Triton X-100 at 1:20 dilution overnight at 4°C.

Red : Primary antibody  
Blue : DAPI

**GTX57154 ELISA Image**

ELISA analysis of Dengue Virus Serotype 2 VLPs (5µg/ml) using serial diluted GTX57154 Flavivirus group antibody [D1-4G2-4-15 (4G2)].



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