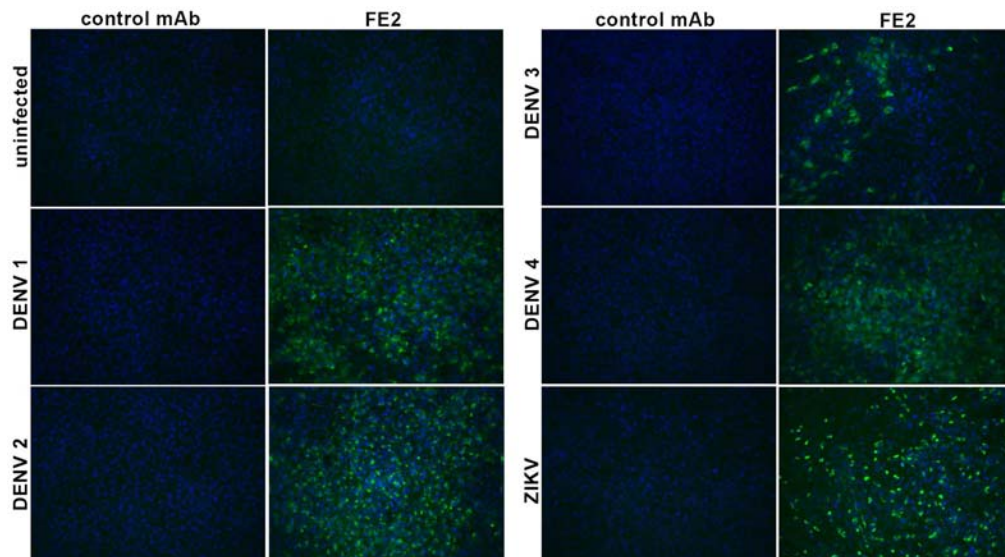
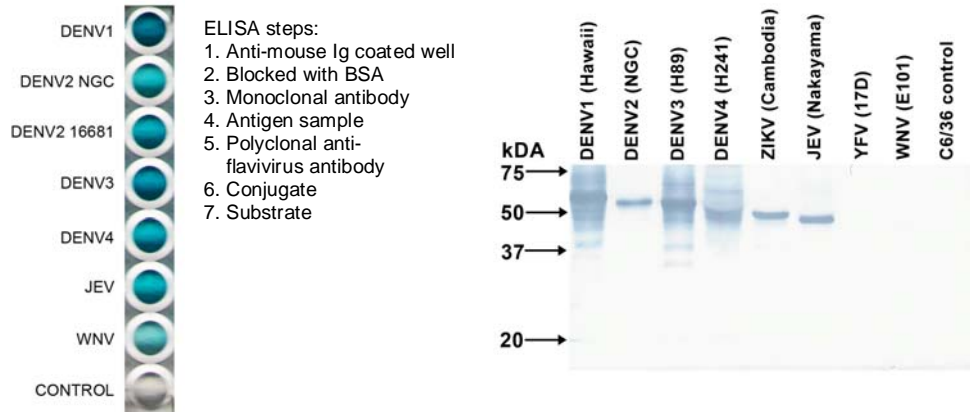


FE2 datasheet

Product name	Anti-FLAVIVIRUS E antibody, FE2.
Code no.	FE2
Clone ID	HF5-3/D5-3/B10-2
Description	DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
Immunogen	Recombinant DENV E protein.
Specificity	This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
Isotype	IgG1, kappa.
Intended use	Research reagent.
Reagent provided	This product is supplied as cell culture supernatant and contains ProClin150.
Storage	Stable at 4°C.
Applications	This monoclonal antibody has been primarily used for the capture/detection of DENV, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV and JEV by western blot (non-reducing conditions), DENV1, 2, 3, 4 and ZIKV in immunofluorescence and DENV1, 2, 3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. This monoclonal antibody does not neutralize DENV1, 2, 3, 4 or ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

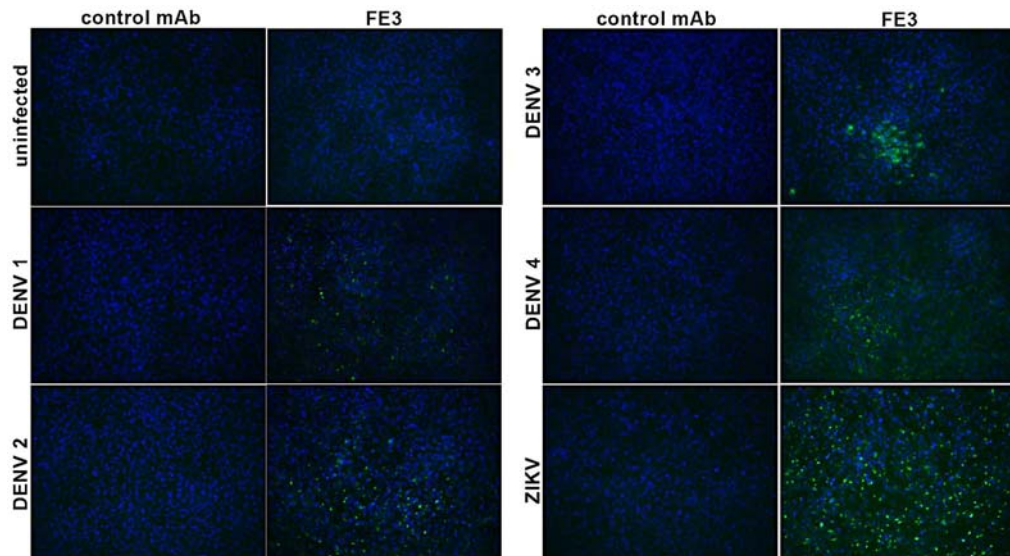
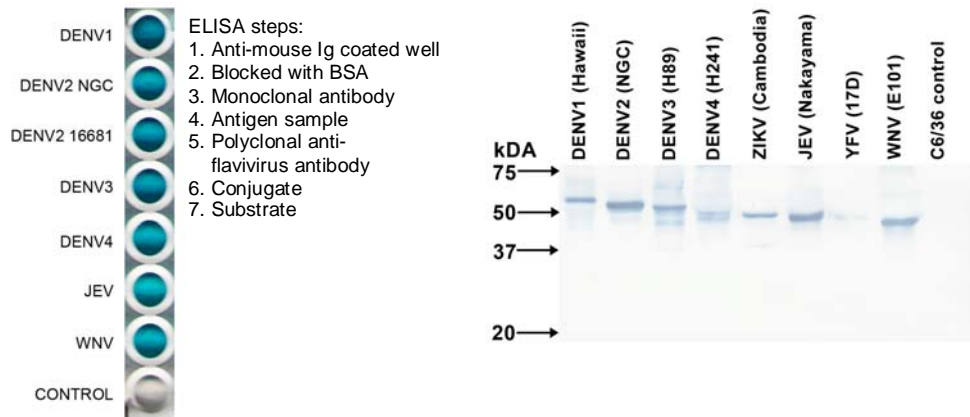
Data



FE3 datasheet

Product name Anti-FLAVIVIRUS E antibody, FE3.
 Code no. FE3
 Clone ID HF8-1/C1-5/6/D2
 Description DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
 Immunogen Recombinant DENV E protein.
 Specificity This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
 Isotype IgG1, kappa.
 Intended use Research reagent.
 Reagent provided This product is supplied as cell culture supernatant and contains ProClin150.
 Storage Stable at 4°C.
 Applications This monoclonal antibody has been primarily used for the capture/detection of DENV, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions) and DENV3, 4 and ZIKV in immunofluorescence (weak detection of DENV1,2) and DENV3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize DENV1, 2, 3, 4 and ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

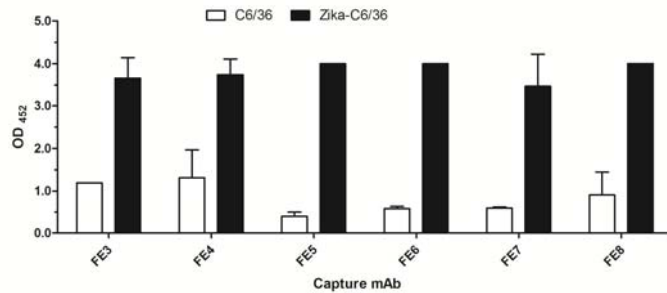
Data



FE4 datasheet

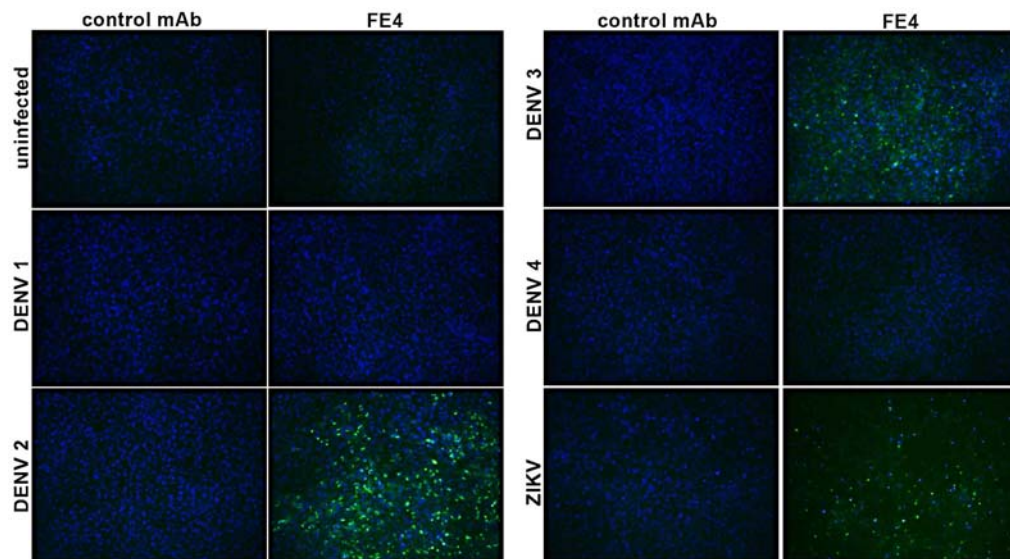
Product name Anti-FLAVIVIRUS E antibody, FE4.
 Code no. FE4
 Clone ID DM4/4/D6/5
 Description DENV, ZIKV, JEV and WNV specific mouse monoclonal antibody.
 Immunogen DENV E and prM eluted from SDS-PAGE gels.
 Specificity This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
 Isotype IgG1, kappa.
 Intended use Research reagent.
 Reagent provided This product is supplied as cell culture supernatant and contains ProClin150.
 Storage Stable at 4°C.
 Applications This monoclonal antibody has been primarily used for the capture/detection of DENV, ZIKV, JEV and WNV antigens in an antigen capture ELISA. This monoclonal antibody is not suitable for western blot. Detects DENV2 in immunofluorescence (weak detection of DENV3, ZIKV) and DENV3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize ZIKV and DENV4 in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

Data



ELISA steps:

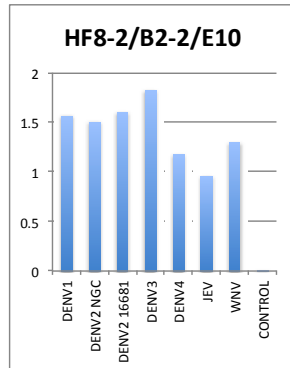
1. Capture monoclonal antibody (mAb);
2. Blocked with BSA;
3. control C6/36 or ZIKV antigen;
4. Biotinylated FE4 mAb;
5. Streptavidin-conjugate;
6. Substrate



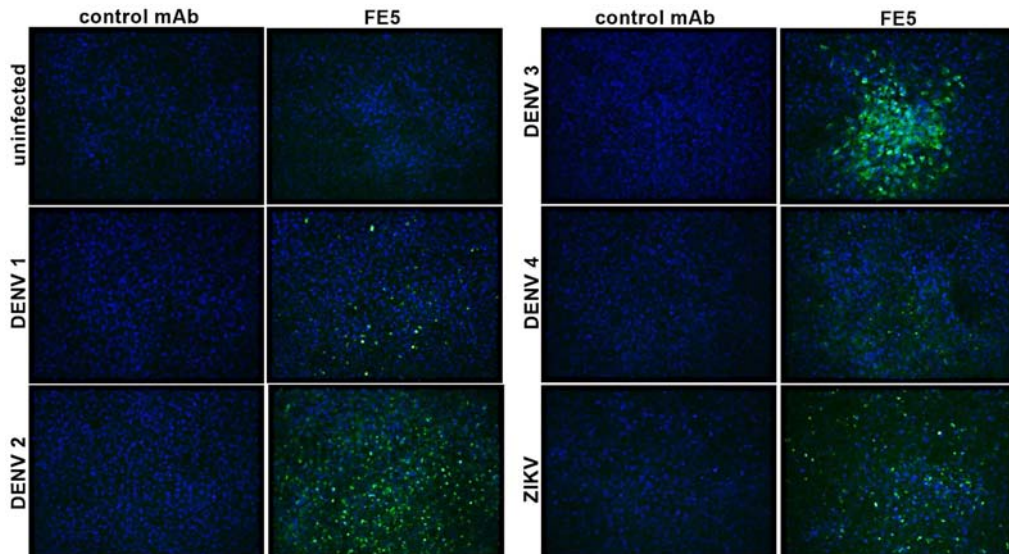
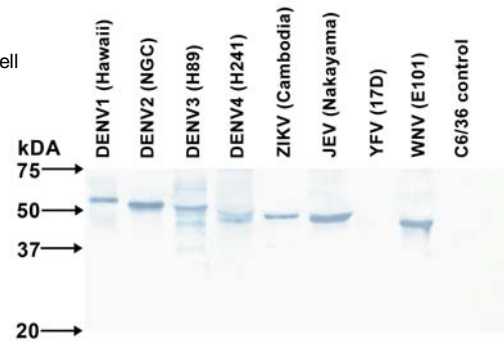
FE5 datasheet

Product name Anti-FLAVIVIRUS E antibody, FE5.
 Code no. FE5
 Clone ID HF8-2/B2-2/E10
 Description DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
 Immunogen Recombinant DENV E protein.
 Specificity This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
 Isotype IgG1, kappa.
 Intended use Research reagent.
 Reagent provided This product is supplied as cell culture supernatant and contains ProClin150.
 Storage Stable at 4°C.
 Applications This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions). Detects DENV2 and 3 in immunofluorescence (weak detection of DENV1, 4, ZIKV). Does not work well in DENV FRNT; not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize DENV1, 2, 4 and ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

Data



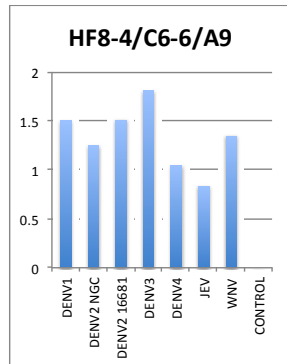
- ELISA steps:
 1. Anti-mouse Ig coated well
 2. Blocked with BSA
 3. Monoclonal antibody
 4. Antigen sample
 5. Polyclonal anti-flavivirus antibody
 6. Conjugate
 7. Substrate



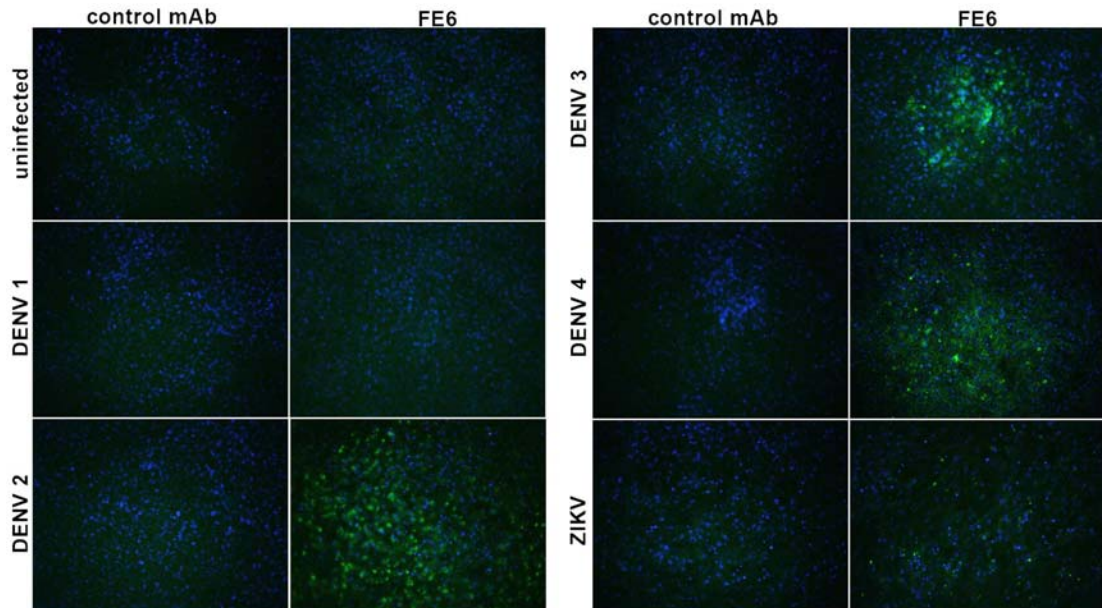
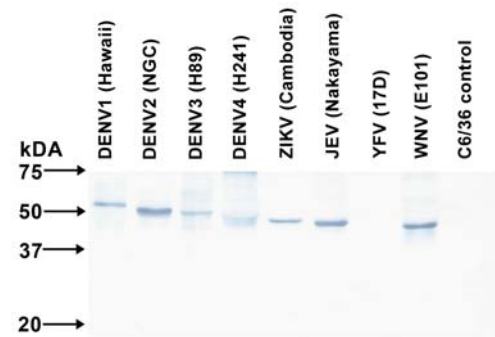
FE6 datasheet

Product name Anti-FLAVIVIRUS E antibody, FE6.
 Code no. FE6
 Clone ID HF8-4/C6-6/A9
 Description DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
 Immunogen Recombinant DENV E protein.
 Specificity This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
 Isotype IgG1, kappa.
 Intended use Research reagent.
 Reagent provided This product is supplied as cell culture supernatant and contains ProClin150.
 Storage Stable at 4°C.
 Applications This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions). Detects DENV2, 3 and 4 in immunofluorescence (weak detection of ZIKV). Does not work well in DENV FRNT; not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize DENV2 and ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

Data



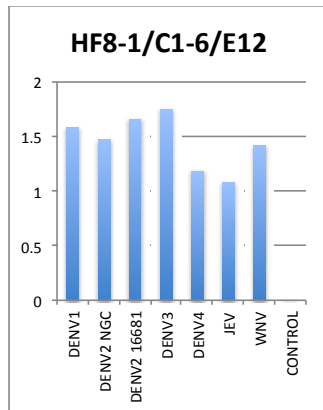
- ELISA steps:
1. Anti-mouse Ig coated well
 2. Blocked with BSA
 3. Monoclonal antibody
 4. Antigen sample
 5. Polyclonal anti-flavivirus antibody
 6. Conjugate
 7. Substrate



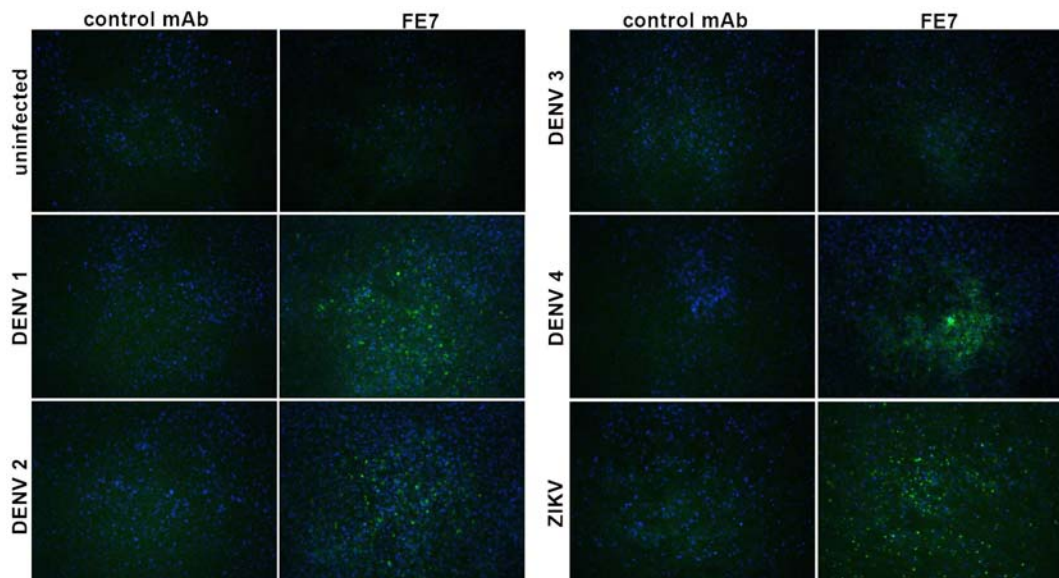
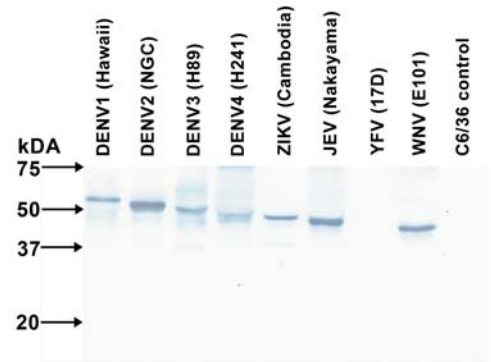
FE7 datasheet

Product name Anti-FLAVIVIRUS E antibody, FE7.
 Code no. FE7
 Clone ID HF8-1/C1-6/E12
 Description DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
 Immunogen Recombinant DENV E protein.
 Specificity This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
 Isotype IgG1, kappa.
 Intended use Research reagent.
 Reagent provided This product is supplied as cell culture supernatant and contains ProClin150.
 Storage Stable at 4°C.
 Applications This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV (data not shown), JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions). Detects DENV1, 2, 4 and ZIKV in immunofluorescence DENV3 and 4 foci in FRNT. Not tested against ZIKV, JEV or WNV for foci staining in FRNT. Can neutralize DENV2, 3, 4 and ZIKV in a standard VERO PRNT. Not tested against JEV and WNV by PRNT.

Data



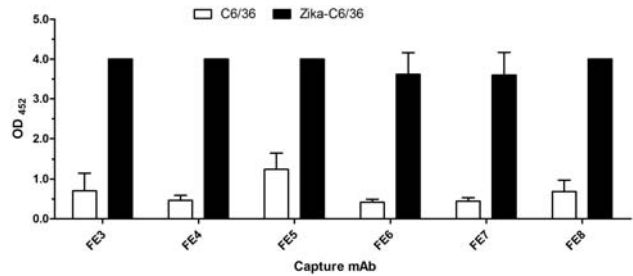
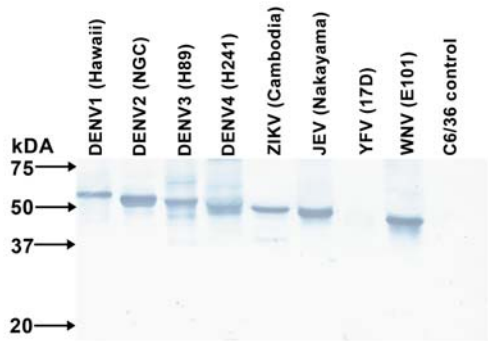
- ELISA steps:
1. Anti-mouse Ig coated well
 2. Blocked with BSA
 3. Monoclonal antibody
 4. Antigen sample
 5. Polyclonal anti-flavivirus antibody
 6. Conjugate
 7. Substrate



FE8 datasheet

Product name	Anti-FLAVIVIRUS E antibody, FE8.
Code no.	FE7
Clone ID	HF8-3/D5-10/6/A6
Description	DENV, ZIKV, JEV and WNV E glycoprotein specific mouse monoclonal antibody.
Immunogen	Recombinant DENV E protein.
Specificity	This monoclonal antibody reacts with a conformational epitope present in DENV1, 2, 3, 4, ZIKV, JEV and WNV.
Isotype	IgG1, kappa.
Intended use	Research reagent.
Reagent provided	This product is supplied as cell culture supernatant and contains ProClin150.
Storage	Stable at 4°C.
Applications	This monoclonal antibody has been primarily used for the capture/detection of DENV1, 2, 3, 4, ZIKV, JEV and WNV antigens in an antigen capture ELISA. Detects DENV1, 2, 3, 4, ZIKV, JEV and WNV by western blot (non-reducing conditions). Detects DENV1, 2, 3, 4 and ZIKV in immunofluorescence. Not tested in FRNT. Can neutralize ZIKV in a standard VERO PRNT. Not tested against DENV, JEV and WNV by PRNT.

Data



ELISA steps:
 1. Capture monoclonal antibody (mAb); 2. Blocked with BSA;
 3. control C6/36 or ZIKV antigen; 5. Biotinylated FE8 mAb;
 6. Streptavidin-conjugate; 7. Substrate

