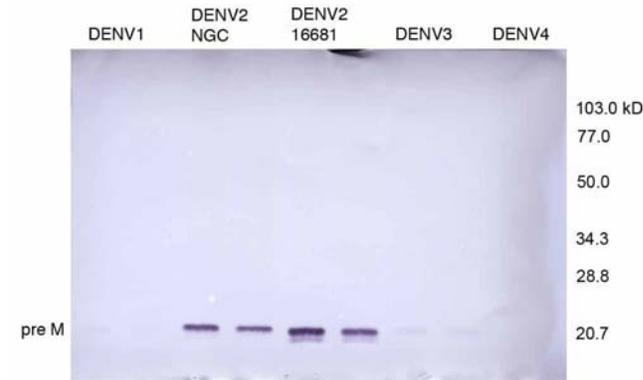


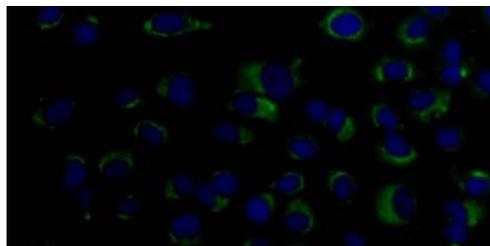
DM1 datasheet

Product name	Anti-DENV prM antibody, DM1.
Code no.	DM1
Clone ID	DM4/4/A6/B6
Description	Dengue virus group-specific mouse monoclonal antibody.
Immunogen	DENV E and prM eluted from SDS-PAGE gels.
Specificity	This monoclonal antibody reacts mainly with a conformational epitope present on DENV1, 2, 3 and 4.
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 is intended for use in the detection of DENV prM by western blot (non-reducing unheated conditions) and immunofluorescence. However, detection of the prM band by western blot is highly dependent on the amount of prM present in the lysate preparation. In an antigen capture ELISA, the monoclonal antibody reacts with DENV1, 2, 3 and 4. It has been shown to react with native DENV1, 2, 3 and 4 prM by dot blot (customer feedback). Detects DENV1, 2, 3 and 4 by FRNT. Can neutralize DENV1, 2, 3 and 4 in a standard VERO PRNT.

Data



Dengue virus infected C6/36 lysates probed with DM1.



Immunofluorescence of DENV2 infected Vero cells with DM1.