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10-10024: Monoclonal Antibody to CHIKV-nsP2 (Clone: ABM3F3.2E10)

Clonality: Monoclonal
Clone Name: ABM3F3.2E10

Application : WB,IF **Format :** Purified

Isotype: Mouse IgG, Kappa

Immunogen Information: A synthetic peptide was used as the immunogen for this antibody.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Recommended dilutions: WB: $0.3-1 \mu g/ml$, IFA: $1-4 \mu g/ml$. However, this need to be optimized based on the research applications.

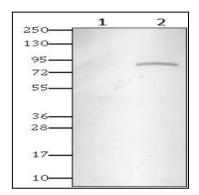


Figure-1: Western blot analysis of CHIKV-nsP2. Anti-CHIKV-nsP2 antibody (ABM3F3.2E10) was used at 0.4 $\hat{1}\frac{1}{4}$ g/ml on (1) Mock infected and (2) Chikungunya virus infected Vero Cell lysates.

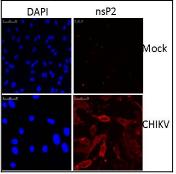


Figure-2: Immunofluorescence analysis of CHIKV nsP2. Anti-CHIKV-nsP2 antibody (ABM3F3.2E10) was used at $2.4\,\hat{l}\frac{1}{4}$ g/ml on Vero cells either Mock infected (upper panel) or infected with Chikungunya virus (down panel).