



WNVgp1 blocking peptide (DAG-P2079)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The roles of the E protein include virion assembly, recognition of cell receptors, cell endosomal membrane fusion, agglutination of red blood cells, and induction of immune responses.
Conjugate	Unconjugated
Applications	WB, BL
Format	Liquid
Buffer	Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS, pH 7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS, pH 7.2

BACKGROUND

Introduction	West Nile Virus (WNV) is a single-stranded RNA (positive sense) virus of the family Flaviviridae, genus Flavivirus, commonly found in Africa, West Asia and the Middle East. It causes disease that is characterized by flu-like symptoms. In a small number of
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GENE INFORMATION

Gene Name	WNVgp1 polyprotein precursor [West Nile virus]
Synonyms	polyprotein precursor; capsid protein C; anchored capsid protein C; membrane glycoprotein precursor prM; membrane glycoprotein M; envelope protein E; nonstructural protein NS1; nonstructural protein NS2A; nonstructural protein NS2B; nonstructural protein NS3; nonstructural protein NS4A; 2K protein; nonstructural protein NS4B; nonstructural protein NS5;

Entrez Gene ID	912267
UniProt ID	P06935
Chromosome Location	clone: 33/G8; 34/F6