

ARG70635 Hantaan Virus Glycoprotein peptide

Package: 50 µg
Store at: -20°C

Summary

Product Description	The peptide is used for blocking the activity of anti-Hantaan Virus Glycoprotein antibody ARG46771
Tested Application	BL
Target Name	Hantaan Virus Glycoprotein
A.A. Sequence	18 amino acids near the amino terminus of the Hantaan virus glycoprotein.

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent

Application Note This peptide usually blocks anti-Hantaan Virus Glycoprotein antibody [ARG46771](#) activity completely by incubating the peptide with equal volume of antibody for 30 min at at 37°C.

Properties

Form	Liquid
Buffer	PBS (pH 7.2), 0.02% sodium azide and 0.1% BSA
Concentration	200 µg/ml
Storage instruction	Store peptide at -20°C, stable for one year. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background Hantaan virus (HNTV) is the prototype virus of the genus hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA virus that is the etiological agent of Korean hemorrhagic fever (1). The two glycoproteins of HNTV, G1 and G2, are encoded as a continuous open reading frame to produce a polypeptide precursor which is then processed to yield two glycoproteins (2). During infection both glycoproteins are found in the Golgi complex and co-expression is considered as a prerequisite for localization to the Golgi complex (2).