

## Product datasheet for **TA160113**

### SNVsMgp1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA: 1 ug/mL
Reactivity:	Sin Nombre orthohantavirus
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Sin Nombre virus glycoprotein 2 antibody was raised against a 16 amino acid peptide near the center of the Sin Nombre virus glycoprotein.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Background:	Sin Nombre virus (SNV) is a rodent-borne hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA viruses with a tripartite genome that can cause hantavirus pulmonary syndrome (HPS) (1). Hantavirus glycoprotein precursor (GPC) is posttranslationally cleaved into two glycoproteins G1 (Gn) and G2 (Gc). While the G1 glycoprotein is thought to be degraded by the host autophagy machinery, and this autophagic clearance is required for efficient virus replication (2), no such degradation was observed for the G2 glycoprotein.



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