PRODUCT INFORMATION

Clone ID	2H1
Target	A35R
Synonyms	A35R
Host Species	Rabbit
Description	Anti-Monkeypox virus A35R antibody(2H1), Rabbit mAb
Delivery	In Stock
Uniprot ID	Q8V4U4
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Monkeypox virus
Applications	ELISA
Recommended Dilutions	ELISA 1/5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthpoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa, multiplies in lymphocytes, and incurs into blood producing transient venereal toxemia. after the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body, causing lesions. The envelope glycoprotein A35R on the EV surface has been predicted to influence intercellular diffusion of virions.
Usage	Research use only
Conjugate	Unconjugated

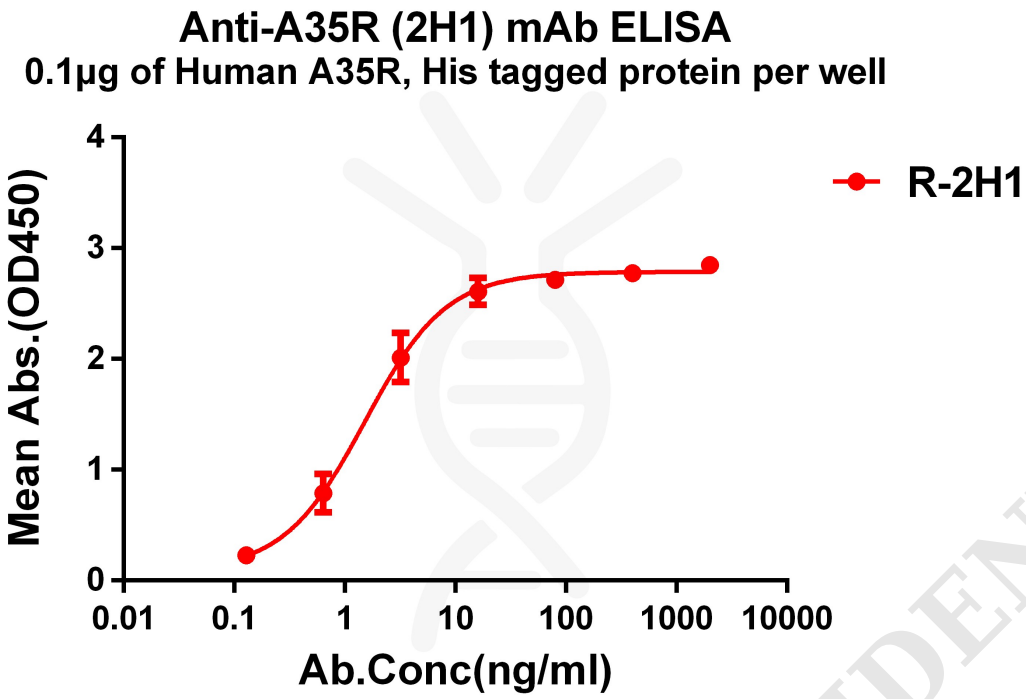

Figure 1. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human A35R Protein can bind Rabbit anti-A35R monoclonal antibody(clone: 2H1) in a linear range of 1-10 ng/ml.