

AM33452PU-N**Monoclonal Antibody to Rubella virus glycoprotein E1 - Purified**

Alternate names:	German measles
Quantity:	1 mg
Concentration:	1.4 mg/ml (by Spectrophotometry at A280/1.4))
Background:	Rubella virus is the only member of the Rubrivirus genus of the Togavirus family. Unlike most Togaviruses it is NOT arthropod borne, but is acquired via the respiratory route. It is an enveloped (toga=cloak), non-segmented, positive sense, RNA virus and replicates in the cytoplasm. It consists of 3 structural proteins; E1,E2 membrane bound glycoproteins, and C capsid protein. Rubella or German measles is a mild disease in children and adults, but can cause devastating problems if it infects the fetus, especially if infection is in the first few weeks of pregnancy.
Host:	Mouse
Clone:	2-6
Format:	State: Liquid filtered purified fraction Purification: Affinity Chromatography on Protein A Buffer System: 10mM Phosphate, pH 7.4, 150M Sodium Chloride Preservatives: 0.05% Sodium Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Purity by Electrophoresis: Reduced SDS-PAGE followed by Coomassie Staining. Two major bands at ~50 kDa and ~25 kDa.
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.