



Mouse Anti-RuV E1 Monoclonal antibody, clone 4-8 (CABT-RM304)

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

PRODUCT INFORMATION

Specificity	Specific for the Rubella E1 protein and reacts with non-reduced antigens on Western Blots. Exhibits a low level of HI activity. Exhibits neutralizing activity.
Target	RuV E1
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	RuV
Clone	4-8
Purification	Protein A Chromatography
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Concentration	3.25 mg/mL
Size	1 mg
Buffer	PBS, pH 7.4±0.2
Preservative	None
Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	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, 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.
Keywords	E1; Glycoprotein E1; Spike glycoprotein E1; Rubella Virus E1; Rubella Virus E1 mosaic; Togaviridae; Rubivirus; RuV