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OEM
CONCEPTS

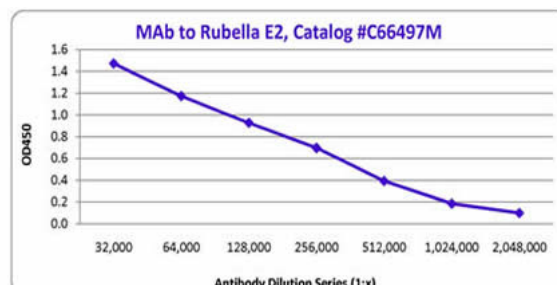
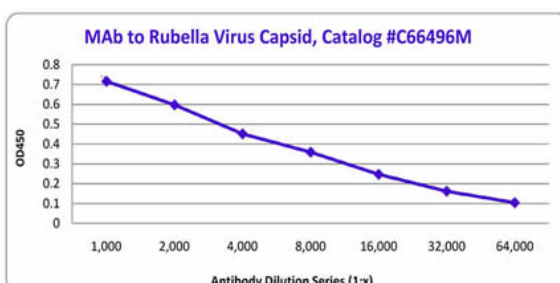
Monoclonal Antibodies to Rubella now in Purified Form

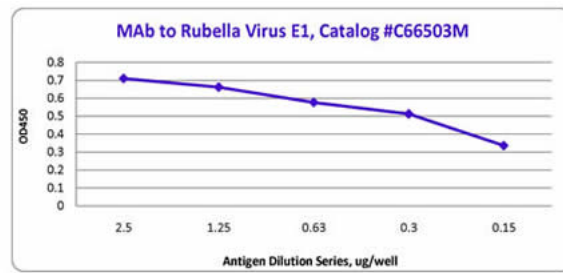
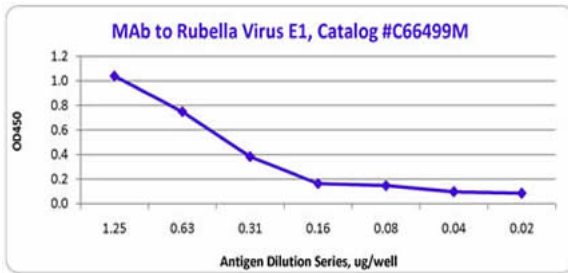
Rubella Virus, or German Measles, is a human pathogen that is transmitted via respiratory aerosols. Although in children and adults it is typically mild and self-limiting, Rubella is very dangerous for unborn babies. If a woman contracts rubella during pregnancy, especially during the early stages of pregnancy, it can lead to premature delivery or fetal death. Rubella during pregnancy can also result in serious birth defects known as congenital rubella syndrome (CRS). Examples of such defects include deafness, cataracts, heart defect, mental retardation or liver and spleen damage. As a result, serological testing of blood samples for immunity is an important aid in preventing prenatal Rubella infections.

The Rubella virus is of the Rubivirus genus of the Togavirus family. It consists of a single stranded RNA enclosed in an icosahedral capsid composed of multiple copies of the viral capsid protein. This protein is surrounded by a lipid bilayered envelope in which two envelope glycoproteins (E1 and E2) are embedded.

New Purified Catalog #	Ascites Catalog #	Clone #	Description
C66496M	10192	2-36	MAb to Rubella Capsid Protein
C66497M	10193	26-24	MAb to Rubella (E2)
C66499M	10195	2-13	MAb to Rubella (E1)
C66503M	10196	3-7	MAb to Rubella (E1)

These new MAbs have been characterized by indirect ELISA against their respective target antigens. The following are ELISA graphs illustrating this characterization:





These antibodies are suitable for use in ELISA and Western Blot.

Additional Product Information:

Clone #	Description	Isotype	HI Activity	Neutralization of Infectivity
2-36	Specific for Capsid Protein and reacts with reduced or non-reduced antigens on Western Blot (WB)	IgG1, kappa	None	None
26-24	Specific for E2 Protein and reacts with reduced or non-reduced antigens on WB	IgG1, kappa	None	Low Level
2-13	Specific for E1 Protein and reacts with non-reduced antigens on WB	IgG2a, kappa	High	None
3-7	Specific for E1 Protein and reacts with non-reduced antigens on WB	IgG2a	Low	Neutralizes

Weitere Informationen unter www.dunnlab.de oder info@dunnlab.de