



Anti-Rubella virus Polyclonal antibody (DPAB1401)

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

PRODUCT INFORMATION

Specificity	Purified virions. Negative against VERO cells by direct immunofluorescence.
Target	Rubella virus
Immunogen	Strain HPV77
Source/Host	Goat
Species Reactivity	Rubella virus
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in IFA and hemagglutination inhibition. It is also suitable for conjugation purposes. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been determined but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	4–5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Short term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Rubella virus was first isolated in 1962 by Parkman and Weller. Rubella virus is classified as a togavirus, genus Rubivirus. It is most closely related to group A arboviruses, such as Eastern and Western Equine Encephalitis viruses. It is an enveloped RNA virus, with a single antigenic type that does not cross react with other members of the togavirus group. Rubella virus is relatively unstable and is inactivated by lipid solvents, trypsin, formalin, ultraviolet light, low pH, heat, and amantadine.
Keywords	Togaviridae; Rubivirus; Rubella virus