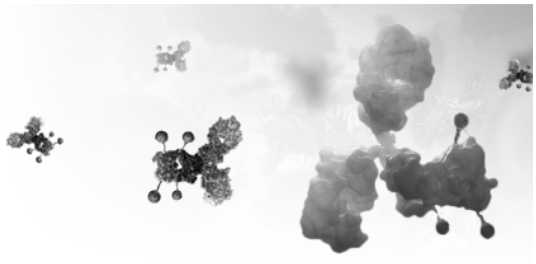

Anti-Rubella virus Polyclonal antibody (DPAB0218)

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

PRODUCT INFORMATION

Specificity	Specific for purified virions. Uninfected cell reactivity is negative vs. Vero cells by indirect immunofluorescence.
Target	Rubella virus
Immunogen	Strain HPV77
Source/Host	Goat
Species Reactivity	Rubella virus
Purification	Purified IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Conjugate	FITC
Applications	Suitable for use in direct IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Concentration	4–5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA
Preservative	0.1% Sodium Azide
Storage	Short term (up to 6 months) store at 2–8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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BACKGROUND

Introduction	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	Rubella Virus Virion; Group IV; Togaviridae; Rubivirus; Rubella virus

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