

## Polyclonal Antibody to Rubella Virus Virion - FITC

<b>Alternate names:</b>	German measles
<b>Catalog No.:</b>	BP1061F
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	4-5 mg/ml (OD280 nm, E0.1% = 1.4)
<b>Background:</b>	Rubella is the only Togavirus known to be transmitted via the respiratory route, and the disease with which it is associated, Rubella or "German Measles" was once ubiquitous in human populations. Rubella virus can also act as a teratogen, inducing Congenital Rubella Syndrome when spread from mother to fetus in the first trimester of pregnancy. Rubella virus is spread via respiratory transmission from human to human. Virus is shed in oropharyngeal secretions and is highly transmissible. In communities where vaccination is rare, spring outbreaks typically occur every few years. In these communities, children represent the largest number of cases, as adults usually acquire lifelong immunity after the primary infection.
<b>Host:</b>	Goat
<b>Immunogen:</b>	Strain HPV77
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction. <b>Buffer System:</b> 0.01M PBS, pH 7.2 with 0.09% sodium azide as preservative and 10 mg/ml Bovine Serum Albumin as stabilizer. <b>Label:</b> FITC – 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
<b>Applications:</b>	Potential Applications include direct FA staining of target antigens in a permissive tissue culture system. Starting range of 1/10-1/50 is suggested. Acetone fixation of the antigen source is recommended prior to staining. Titer: >1/512 by hemagglutination inhibition and >1/2560 by indirect Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Detects purified virions. Uninfected cell reactivity is negative vs. Vero cells by indirect Immunofluorescence.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)