
E1 Glycoprotein Rubella virus Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250674

Unit: 0.1 mg

Description:

The E1 glycoprotein (p110) is a Rubella virus class II viral fusion protein. Viral fusion is inactive when bound to E2 in a mature virion. Viral attachment to target cell and subsequent endocytosis results in acidification of the endosome, dissociation of the E1/E2 heterodimer and trimerization of the E1 subunits. The E1 homotrimer is fusion active and promotes release of viral nucleocapsid in the cell cytoplasm after cell and viral membrane fusion. Tyrosine residues on the E1 cytoplasmic tail are critical for viral release.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: V

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: E1 glycoprotein; E1 envelope glycoprotein; Spike glycoprotein E1; Rubella virus E1 glycoprotein

Accession No.: P08563

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of Rubella virus E1 Glycoprotein.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.