
Pneumolysin (1F11) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250306

Unit: 0.2 mg

Description:

Pneumolysin (pneumococcal hemolysin) is an intracellular protein produced by all strains of *S. pneumoniae*. Pneumolysin is a cytoplasmic cholesterol-dependent cytolysin forming large pores in cholesterol-containing membranes and is therefore cytotoxic to mammalian cells. The molecular weight of Pneumolysin is approximately 53 kDa. This antibody reacts specifically with Pneumolysin from at least 9 different types of pneumococcal strains by Western blot. The tested pneumococcal types are 5, 6A, 11A, 11F, 12B, 15F, 19A, 25F and 35A.

Isotype: Mouse IgG1/k

Applications: E, WB

Species Reactivity: *Streptococcus pneumoniae*, Bact

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Thiol-activated cytolysin; Pneumolysin; Ply

Accession No.: Q04IN8

Antigen: Pneumolysin

Application Notes: Product Cat. No. 250306 reacts well in ELISA with coated pneumococcal extract. Excellent detection of pneumolysin is seen in western blot from different pneumococcal strains. E: 1:5,000; WB: 1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

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