

Anti-Cronartium ribicola [Mab7] Standard Size Ab02948-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: Mab7

Alternative Name(s) of Target: White pine blister rust fungus; WPBR

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA

Published Species Reactivity: Cronartium ribicola

Immunogen: The original antibody was generated by immunizing BALB/c mice with basidiospore proteins.

Specificity: The antibody recognizes antigens of basidiospores of the fungus Cronartium ribicola.

Application Notes: The affinity of this antibody was identified by ELISA. The specificity of the antibody was ascertained by examining its reactivity in a western immunoblot with the foliar proteins of western white pine (*Pinus monticola*) and 2 other fungi that commonly infect western white pine foliage. The antibody reacted only to basidiospore proteins. Furthermore, the antibody reacted to proteins extracted from pure fungal cultures and also from infected white pine needles. (Ekramoddoullah et al.)

Antibody First Published in: Ekramoddoullah et al. Production and characterization of monoclonal antibodies to the white pine blister rust fungus, *Cronartium ribicola*. Canadian Journal of Plant Pathology (1996); 18:1; 14-18. [PMID:](#)

Note on publication: Describes the generation and characterization of this antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.