

Catalog Number	AM-1121Y-5
Product Name	Anti-Grapevine Fanleaf Virus (GFLV) IgG fraction monoclonal antibody (clone 8E12/D6)
Temperature	-20°C
Unit	100µg
Category	Infectious Agents
Subcategory	Plant Pathogens (Agriculture)
Description	Mouse monoclonal antibody IgG fraction (clone 8E12/D6) obtained by immunizing mice with a purified coat recombinant fragment of GFLV. The IgG fraction was purified using Protein G-Sepharose.
Isotype	IgG-2a
Mol Weight	N/A
Purity	N/A
Storage	Store at -20°C.
Stability	Stable at least one year at -20°C. Avoid repeated freezing and thawing.
Biological Activity	This antibody can be used in ELISA (1: 8,000 dilution) and Western blot (1: 1,000 dilution) using the coat recombinant protein. GFLV belongs to the genus Nepovirus of the family Comoviridae and its genome is composed by two single-stranded positive-sense RNAs. It has a single coat protein with a molecular weight of 56 kDa, this protein has been reported to be involved in the specific transmission of the GFLV by its nematode vector Xiphinema index.
Formulation	Solution at 1 mg/mL in PBS. Some of the liquid in the vial could have evaporated with changes in the final volume. However, the mass of the protein is still inside the vial.
References	Schellenberger, P. et. al. (2011) PloS Pathogens 7 (5), e1002034. Wetzel, T. et. al. (2001) Virus Res. 75, 139-145. Serghini, M. A. et. al. (1990) J. Gen. Virol. 71, 1433-1441.

All products are for research use ONLY in laboratory animals and in vitro testing. NOT for diagnostic or human use.

AMSBIO | www.amsbio.com | info@amsbio.com

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0) 1235 820 482

 **North America**
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

 **Germany**
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880

 **Switzerland**
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85