

Product Name: Rubisco Mouse Monoclonal Antibody
Catalog #: AMM84986



Summary

Production Name	Rubisco Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Plant

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.5% BSA and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Rubisco
Alternative Names	Ribulose biphosphate carboxylase oxygenase
Gene ID	-
SwissProt ID	-. Purified recombinant protein expressed in E.coli.

Application

Dilution Ratio	WB:1:500-1:1000
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 53 kDa

Background

RuBisCO catalyzes two reactions: the carboxylation of D-ribulose 1,5-bisphosphate, the primary event in carbon dioxide fixation, as well as the oxidative fragmentation of the pentose substrate in the photorespiration process. Both reactions

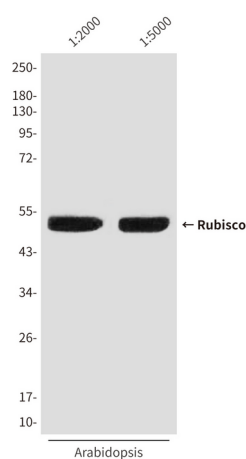
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occur simultaneously and in competition at the same active site.

Research Area

Image Data



Western blot analysis of Rubisco in Arabidopsis lysates using Rubisco antibody.

Note

For research use only.