

Product Name: Rubisco (1E3) Mouse Monoclonal Antibody
Catalog #: AMM00900

Summary

Production Name	Rubisco (1E3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Plants

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	-
Alternative Names	Ribulose biphosphate carboxylase oxygenase
Gene ID	-
SwissProt ID	-

Application

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

Background

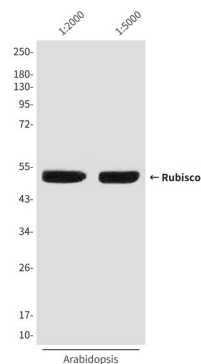
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RuBisCO catalyzes two reactions: the carboxylation of D-ribulose 1,5-bisphosphate, the primary event in carbon dioxide fixation, as well as the oxidative fragmentation of the pentose substrate in the photorespiration process. Both reactions occur simultaneously and in competition at the same active site.

Research Area

Signal Transduction

Image Data



Western blot analysis of Rubisco (1E3) in Arabidopsis lysates using Rubisco (1E3) antibody.

Note

For research use only.