

## Rubisco (Large Chain) mouse Monoclonal Antibody(3G7)

### 产品概述

产品名 ( Product Name )	Rubisco (Large Chain) mouse Monoclonal Antibody(3G7)
货号 ( Catalog No. )	ATA37164
种类 ( Category )	Primary antibodies
宿主 ( Host )	Mouse
反应种属 ( Species specificity )	Plants
应用实验 ( Tested applications )	WB
克隆性 ( Clonality )	Monoclonal
偶连物 ( Conjugation )	Unconjugated
免疫原 ( Immunogen )	Protein

### 产品性能

状态 ( Form )	Liquid
储存溶液 ( Buffer )	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
存放条件 ( Storage )	-20°C/1 year
纯化方式 ( Purity )	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

### 应用

WB 1:2000-5000

### 产品背景

Rubisco (Ribulose-1,5-bisphosphate carboxylase/oxygenase) catalyzes the rate-limiting step of CO<sub>2</sub> fixation in photosynthetic organisms. It is demonstrably homologous from purple bacteria to flowering plants and consists of two protein subunits, each present in 8 copies. In plants and green algae, the large subunit (~55 kDa) is coded by the chloroplast rbcL gene, and the small subunit (15 kDa) is coded by a family of nuclear rbcS genes.