

Rubisco Large Chain monoclonal antibody

Catalog: MB30057

Host: Mouse

Reactivity: Porcine

BackGround:

Ribulose-1,5-bisphosphate carboxylase/oxygenase (Ru-bisco) large chain is the catalytic subunit of Rubisco, the enzyme that catalyzes carbon fixation in photosynthesis. It incorporates CO₂ into organic compounds in the Calvin cycle and is the most abundant protein on Earth.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~55 kDa (Rubisco large chain)

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

WB (1/2000 - 1/5000)

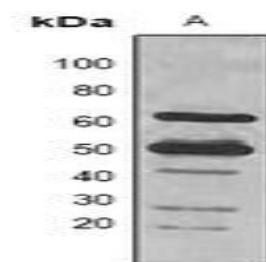
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Rubisco protein.

DATA:



Western blot analysis of CD105 expression in HUVEC (A), HUVE12 (B), SHSY5Y (C), HEK293 (D) whole cell lysates.

Immunohistochemical analysis of CD105 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Flow cytometric analysis of THP1 cells using Anti-CD105 Antibody (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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