

45-1059: Mouse Monoclonal Antibody to SUMO-tag (Clone : 4G11E9)

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| Clonality : | Monoclonal |
| Clone Name : | 4G11E9 |
| Application : | ELISA |
| Format : | Purified |
| Isotype : | Mouse IgG2a k |
| Immunogen Information : | Purified recombinant yeast SUMO protein |

Description

SUMO tags are emerging as a viable alternative for increasing both the expression and solubility of otherwise hard-to-express proteins. The SUMO tag can be cleanly excised using SUMO protease, which recognizes the conformation of SUMO protein rather than a specific sequence within SUMO. The SUMO system can be used effectively in both prokaryotic and eukaryotic systems. SUMO-tag Antibody (4G11E9), mAb, Mouse is suitable for detecting fusion proteins that contain a SUMO-tag. SUMO-tag Antibody (4G11E9), mAb, Mouse is produced from the hybridoma resulting from fusion of Sp2/0 myeloma and lymphocytes obtained from mouse immunized with recombinant yeast SUMO protein.

Product Info

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| Amount : | 40 µg |
| Purification : | Protein A chromatography |
| Content : | 0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide |
| Storage condition : | The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles. |

Application Note

ELISA: 0.05-0.2 µg/ml, Western blot: 1-2 µg/ml

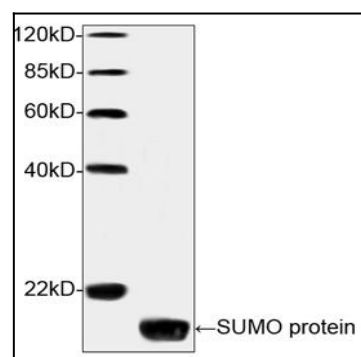


Figure-1 : Western blot analysis of SUMO-tag Antibody (Clone: 4G11E9) at 1 µg/ml on Yeast cell lysates, IRDye 800 Conjugated Goat Anti-Mouse IgG was used as secondary antibody.