



# LSG1 Mouse mAb

|                                    |                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18711                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                               |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                   |
| <b>Applications</b>                | WB                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | LSG1                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | Synthesized peptide derived from human LSG1                                                                                                                                                                       |
| <b>Specificity</b>                 | This antibody detects endogenous levels of LSG1 at Human, Mouse,Rat                                                                                                                                               |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                           |
| <b>Source</b>                      |                                                                                                                                                                                                                   |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                              |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                           |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                              |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                      |
| <b>Synonyms</b>                    | hLsg1;Large subunit GTPase 1 homolog;LSG1;LSG1_HUMAN;Large subunit GTPase 1 homolog (hLsg1) (EC 3.6.1.-)                                                                                                          |
| <b>Observed Band</b>               | 72kD                                                                                                                                                                                                              |
| <b>Calculated Molecular Weight</b> | 75kD(Calculated).                                                                                                                                                                                                 |
| <b>Cell Pathway</b>                | Cytoplasm . Endoplasmic reticulum . Nucleus, Cajal body . Shuttles between the Cajal bodies in the nucleus and the endoplasmic reticulum.                                                                         |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                   |
| <b>Function</b>                    | GTPase required for the XPO1/CRM1-mediated nuclear export of the 60S ribosomal subunit. Probably acts by mediating the release of NMD3 from the 60S ribosomal subunit after export into the cytoplasm (Probable). |
| <b>Background</b>                  |                                                                                                                                                                                                                   |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                              |
| <b>Usage suggestions</b>           | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                 |



## Products Images

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